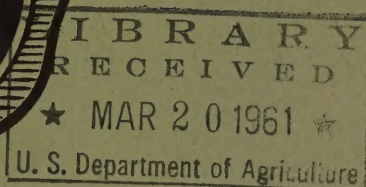


62



1875 - 1961

WHOLESALE BULLETIN NO. 1

WITH GRADE COUNTS

March 7, 1961

OFFERING A LARGE ASSORTMENT
OF
GENERAL NURSERY STOCK

Order Now

PHONES 383 - 384 - 385

*Superior Quality and
Service Since 1875*



Mount Arbor Nurseries

ESTABLISHED 1875

• SHENANDOAH IOWA •

Terms and Conditions of Sale

TERMS—These terms are offered to those with established credit. One percent discount if paid on or before tenth of following month from date of invoice, and is due net thereafter. Otherwise, cash, security or satisfactory references.

C.O.D. orders must be accompanied by one-fourth cash.

Interest charged on past due accounts.

ALL PRICES ARE NET, BOXING AND BALING EXTRA; NO CHARGE FOR PACKING BULK CARS.

PRICES—named in this list are based upon present market conditions and are subject to change without notice. These are Wholesale Prices and apply upon the following quantities:

FRUIT TREES, SHADE TREES, SHRUBS, ROSES, VINES, PERENNIALS:
(Including Peonies and Bulbs)

300 or more at 1,000 rate (where published)

30 to 300 at 100 rate

Under 30 at 10 rate

All grades and varieties in any one class (except Patented Varieties) allowed to make total. For example: All Roses except Patented Varieties are considered one class, etc.

FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP.

SMALL FRUITS, HEDGING, PRIVET, AND ALL SEEDLINGS:

300 of same variety and grade at 1000 rate.

Under 300 of same variety and grade at 100 rate.

EVERGREEN, B & B:

30 trees (any assortment) at 100 rate

Under 30 trees (any assortment) at 10 rate

Note:—Classification as given above is understood to be as listed under general headings in price list.

BROKEN LOTS—The Wholesale Prices in this list apply for wholesale quantities. Please order in such multiples as to avoid breaking bundles.

SHIPPING—Please give shipping instructions whether by freight or express and route. If no instructions are given we will forward to the best of our judgment, without assuming responsibility. **ALL GOODS TRAVEL AT THE PURCHASER'S RISK AND EXPENSE.**

TRUCK SERVICE—We are able to offer service within a radius of 300 to 500 miles from Shenandoah. Charges average about the same as railroad rates with delivery at your door. If interested write for further information.

CAUTION—We accept all orders subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control. All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

GUARANTEE OF GENUINENESS—If any nursery stock proves untrue to description or variety name under which it is sold, we hold ourselves in readiness, on proper proof, to replace such nursery stock that may prove untrue to description or name, or refund the original amount paid. We shall in no case be liable for any sum greater than the amount originally received for said nursery stock.

CLAIMS FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF STOCK. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

We express or imply no warranty as to the productiveness of life of the nursery stock we sell and will not be in any way responsible for the results secured in transplanting.

SPECIAL NOTICE—Correspondents are requested to use their printed business letterheads. We do not quote prices to retail buyers. We use very effort to limit the distribution of trade prices to those whom we know to be entitled to receive them.



MOUNT ARBOR NURSERIES

HEIGHT AND CALIPER—Height given of fruit trees is approximate and represents average height of most varieties. Some slow growing kinds may fall short of height specified as it is intended that **THE CALIPER SHALL GOVERN.**

All Fruit Trees are tied 11-16 and 9-16, 10 per bundle; 7-16 and 5-16, 20 per bundle

APPLE and CRAB

	Per 10	Per 100	Per 1000
First Class, 11-16 to 7-8 inch, 4½ feet and up	\$ 9.50	\$ 90.00	\$850.00
" " 9-16 to 11-16, 4 feet and up	8.50	80.00	750.00
" " 7-16 to 9-16, 3 feet and up	6.50	60.00	-----
" " 7-8 inch and up, 5 feet and up	11.00	100.00	-----

	11/16"	9/16"	7/16"	5/16"	7/8"
Anoka	100	---	---	---	200
Beacon	380	---	---	---	---
Chestnut Crab	120	230	40	---	120
Cortland	400	270	20	---	---
Delicious Dark Red	1600	800	200	---	1100
Delicious Yellow	400	120	---	---	640
Duchess Red	480	220	---	---	---
Early Harvest	270	---	---	---	80
Fireside	100	---	---	---	200
Grimes Golden	500	120	20	---	400
Haralson	---	380	---	40	---
Hawkeye Greening	---	20	---	---	40
Hibernal	200	230	---	---	---
Hyslop	200	30	---	---	40
Idared	620	360	50	---	70
Jonathan	1800	200	---	20	300
Jonathan Dark Red	420	660	---	60	300
Lakeland	250	110	20	---	10
Lodi	480	20	---	---	180
McIntosh	200	80	---	---	110
McIntosh Black Mickey	790	---	---	---	630
Minjon	90	---	---	---	100
N. W. Greening	190	---	---	---	210
Oriole	280	50	---	---	---
Prairie Spy	300	260	360	140	400
Red June	80	---	---	---	140
Red Van Buren	220	80	---	---	80
Redwell	470	110	60	---	110
Rome Beauty, Ruby Red	270	50	20	---	180
Stayman Red	110	130	60	---	---
Stayman Winesap	200	---	---	---	---
Turley	100	100	---	---	---
Victory	---	50	---	---	---
Wealthy	360	---	---	---	420
Winesap Crimson	380	---	---	---	400
Yellow Transparent	400	300	---	---	390

APPLES—Continued

CENTENNIAL CRAB (No. 1472)

New introduction by the Minnesota State Fruit Breeding Farm, Dolgo x Wealthy. Tree small, branches horizontal. Flowers white. Fruit of excellent quality, bright red over yellow, up to 2 inches in size, bearing over a long season starting in late August. This variety promises to be used a great deal, both as a fruiting crab and an ornamental.

		Per 10 Each	Per 100 Each
380	Two years, 7/8 inch and up, 5 feet and up	\$ 1.55	\$ 1.50
600	" " 11/16 to 7/8 inch, 5 feet and up	1.40	1.35
80	" " 9/16 to 11/16 inch, 4 feet and up	1.25	1.20
20	" " 7/16 to 9/16 inch, 3 feet and up	1.00	

IMPERIAL DOUBLE EARLY RED DELICIOUS**Patent No. 1805**

A new Red Delicious sport introduced by May Nursery Company, Yakima, Washington. Early coloring, early maturing variety of outstanding color and merit. The early coloring and early maturing are its outstanding features.

		Per 10	Per 100
1100	One year buds, 9-16 to 11-16, 4 feet and up	\$11.00	\$100.00
900	" " " 7-16 to 9-16, 3 feet and up	10.00	90.00
800	" " " 5-16 to 7-16, 2 feet and up	9.00	80.00

JONADEL**Iowa State College Introduction****(Jonathan x Delicious)**

Fruit similar in shape to Jonathan, but larger. Skin smooth and firm and color cherry-red to dark red. It is crisp and juicy, with milder flavor than Jonathan. Stores well from January to March and does not get mealy. Tree appears to be blight resistant.

		Wholesale Prices	
		Per 10	Per 100
400	Two years, 7/8 inch and up	\$13.00	\$120.00
460	" " 11/16 to 7/8 inch	11.00	100.00
600	" " 9/16 to 11/16 inch	9.00	80.00
300	" " 7/16 to 9/16 inch	7.50	70.00

MULTIPLE APPLE**Shenandoah Grown**

We offer the following combination Apple, all Shenandoah Grown Trees. They were dormant budded Summer 1959 on the side limbs of 2 year trees so buds have one full year's growth.

	Per 10	Per 100	Per 1000
Quintuplet, Three Yrs., 9-16 and up, 5 ft. and up	\$17.50	\$165.00	\$1500.00
Quadruplet, " " " " " " " " " "	13.00	120.00	

	Quintuplets Quadruplets	
Combination No. 1	600	480
Combination No. 2	430	340
Combination No. 3		400

COMBINATION NO. 1

On Red Delicious
Red Jonathan
Beacon
Winesap Crimson
Yellow Delicious
Yellow Transparent

COMBINATION NO. 2

On Whitney
Beacon
Fireside
Lodi
Minjon
Victory

COMBINATION NO. 3

On Virginia
Delicious Red
Jonadel
Jonathan Red
Wealthy
Winesap Crimson
Yellow Transparent

APPLES—Continued

DELCON

A true semi-dwarf Apple tree—12 ft.

Produces full size dark red fruit similar in shape to Delicious but without knobs. A naturally dwarf variety. Flavor is a combination of its parents, Jonathan and Delicious. Developed, tested and approved by Mo. State Experiment Station. Hardy wherever Red Delicious is successful.

		Per 10	Per 100	Per 1000
430	Two Years, 11-16 inch and up, 4½ feet and up	\$13.00	\$120.00	\$1100.00
80	" " 5-16 to 7-16, 2 feet and up	5.50	50.00	-----

CHERRIES — Sour — On Mahaleb

		Per 10	Per 100	Per 1000
100	Two Years, 11-16 to 1-inch, 4 feet and up	\$12.00	\$110.00	\$-----
800	" " 7-16 to 9-16, 3 feet and up	8.00	75.00	-----
300	" " 1 inch and up, 4½ feet and up	13.00	120.00	-----
Montmorency				
300	One year, 9-16 to 11-16, 3 feet and up	9.50	90.00	-----
200	" " 7-16 to 9-16, 2½ feet and up	8.00	75.00	-----
Montmorency				

CHERRIES — Sweet

	Per 10	Per 100	Per 1000	
One Year on Mahaleb				
11-16 and up, 4½ feet and up, mostly branched.....	\$14.00	\$125.00	\$-----	
9-16 to 11-16, 4 feet and up, mostly branched.....	12.00	110.00	-----	
7-16 to 9-16, 3 feet and up, branched and whips.....	9.00	85.00	-----	
5-16 to 7-16, 2 feet and up, mostly whips.....	6.50	60.00	-----	
	11/16"	9/16"	7/16"	5/16"
Bing	1400	1100	1700	200
Black Tartarian	300	60	1400	180
Hedelfingen	600	--	300	200
Kansas Sweet	60	80	140	80
Lambert	--	--	--	400
Napoleon	--	--	60	--
Sam	180	80	100	80
Van	260	600	200	200
Windsor	--	50	50	30

DWARFRICH CHERRY

A new variety from the U. S. D. A., Cheyenne Field Station. Makes a bushy, shrub like tree 5 to 6 feet tall. Fruit, bright red, fine flavor, medium size, ripens few days after Montmorency. Extremely hardy.

		Per 10	Per 100
50	2 Years, 11/16 inch and up, 2½ feet and up	\$16.00	\$-----
210	" " 9/16 to 11/16 inch, 2 feet and up	13.50	125.00
120	" " 7/16 to 9/16 inch, 18 to 24 inches	10.00	90.00
80	" " 5/16 to 7/16 inch, 12 to 18 inches	6.50	-----

CHERRIES—Continued**DWARF SOUR CHERRIES**

METEOR (Minn. No. 66) Cross of Montmorency x Shubianca seedling. Tree strong vigorous upright grower, large leaves resistant to leaf spot. Fruit very large. Color clear light red, skin thin. Stone small and free.

NORTH STAR (Minn. No. 58) Cross of Serbian pie cherry x English Morello. Relatively small tree. Fruit dark red at maturity, skin medium tender, flesh juicy. Stone small and free.

	Per 10	Per 100
3 to 4 feet, Whips	\$ 8.00	\$
2 to 3 feet, Whips	5.50	50.00
18 to 24 inches, Whips	3.50	30.00
	3/4'	2/3' 18/24"
Meteor	50	40 100
North Star	70	200 80

HANSEN'S BUSH CHERRY

	Per 10	Per 100	Per 1000
600 Improved besseyi, 2 to 3 feet, transplants	\$ 4.00	\$ 35.00	\$

NANKING CHERRY**(PRUNUS TOMENTOSA)**

Very hardy variety, remarkably showy flowers and fruit of finest flavor. For jams and preserves it is unexcelled.

	Per 10	Per 100	Per 1000
120 3 to 4 feet	\$ 8.00	\$ 75.00	\$
400 2 to 3 feet	5.50	50.00	450.00
1100 18 to 24 inches	4.50	40.00	350.00
800 12 to 18 inches	2.90	25.00	220.00

NANKING CHERRY ORIENT**Self Fertile Orient Cherry**

Improved budded variety producing an abundance of bloom. Heavy bearer. Flesh of fruit is meaty, juicy, sub-acid flavor. Excellent for eating fresh or for jam and jelly.

	Per 10	Per 100	Per 1000
380 4 to 5 feet	\$14.00	\$125.00	\$
270 3 to 4 feet	11.00	100.00	
900 2 to 3 feet	9.00	85.00	800.00
340 18 to 24 inches	6.50	60.00	550.00

PEAR — Standard

	Per 10	Per 100	Per 1000
One and Two Years, 11-16 and up, 4½ feet and up	\$11.00	\$100.00	\$
" " " " 9-16 to 11-16, 4 feet and up	9.00	85.00	800.00
" " " " 7-16 to 9-16, 3 feet and up	7.50	70.00	
" " " " 5-16 to 7-16, 2 feet and up	5.00	45.00	
" " " " 7-8 inch and up, 5 feet and up	13.00	120.00	
	11/16"	9/16"	7/16" 5/16" 7/8"
Bartlett	1200	1600	1100 1100
B. de Anjou	300	400	140 80
Beurre Bosc			100 40
Douglas	170	600	360 480
Kieffer	500	90	120 400
Orient	330	90	40 300
Parker		100	500
Patten	140	300	340 400
Seckel		140	260 200

PEAR — Standard—Continued

MAX-RED BARTLETT

Plant Patent No. 741

A new sport of Bartlett Pear that originated in the Northwest. The fruit carries a good all-over red color, keeps longer and ripens in regular Bartlett season. High quality.

		Per 10	Per 100
320	One and Two Years, 11-16 and up, Branched, 4½ feet and up	\$11.00	\$100.00
600	" " " " 9-16 to 11-16, Branched, 4 feet and up	10.00	90.00
540	" " " " 7-16 to 9-16, Branched, 3 feet and up	8.00	75.00
80	" " " " 5-16 to 7-16, Mostly Branched, 2 ft. & up	6.50	60.00

COLETTE

Patent No. 1401

This new variety of pear blooms at the normal blossoming season and continues to bloom most of the summer. Fruit ripens early fall and continues until frost. Fruit firm, smooth-textured, juicy and sweet.

		10-29 Each	30-299 Each
280	7/16 to 9/16 inch, 3 feet and up	\$ 1.10	\$ 1.00
460	5/16 to 7/16 inch, 2 feet and up	.90	.80

PEAR — Dwarf

		Per 10	Per 100	Per 1000
Two Years, 11-16 and up		\$19.00	\$175.00	\$ ----
" " 9-16 to 11-16 inch		16.50	150.00	----
" " 7-16 to 9-16 inch		13.50	125.00	----
" " 5-16 to 7-16 inch		11.00	100.00	----
	11/16"	9/16"	7/16"	5/16"
Bartlett	----	----	120	800
Duchess	400	110	120	240
Kieffer	600	400	260	100
Max Red Bartlett	----	----	100	400
Seckel	----	----	----	60

PLUM

		Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up		\$11.00	\$100.00	\$ ----
" " 9-16 to 11-16, 4 feet and up		9.00	85.00	----
" " 7-16 to 9-16, 3 feet and up		7.50	70.00	----
" " 5-16 to 7-16, 2 feet and up		5.00	45.00	----

EUROPEAN, One Year, on Myrobolan, all branched.

	11/16"	9/16"	7/16"	5/16"
Blue Damson	----	200	160	40
Green Gage	100	480	----	60
Italian Prune	----	----	140	600
Lombard	60	360	180	40
Mt. Royal	----	100	----	120
Shrops Damson	----	360	180	40

PLUM—Continued

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up	\$11.00	\$100.00	\$
" " 9-16 to 11-16, 4 feet and up	9.00	85.00	
" " 7-16 to 9-16, 3 feet and up	7.50	70.00	
" " 5-16 to 7-16, 2 feet and up	5.00	45.00	

AMERICAN and HARDY HYBRIDS, One Year, on Native Root, branched.

	11/16"	9/16"	7/16"	5/16"
Compass			140	40
La Crescent	80		60	40
Monitor	320			40
Red Coat	360			100
Red Wing	200			20
Sapa	180	160		
Sapalta	200	260		20
Superior				380
Toka	430			20
Underwood	180			20

PEACH

	Per 10	Per 100	Per 1000
One Year, 11-16 and up, 4½ feet and up	\$ 8.50	\$ 80.00	\$750.00
" " 9-16 to 11-16, 4 feet and up	7.50	70.00	650.00
" " 7-16 to 9-16, 3 feet and up	6.00	55.00	500.00

	11/16"	9/16"	7/16"
Champion	260		
Elberta	180		
Elberta July	270	100	200
Fairhaven	80		
Golden Jubilee			160
Polly	480		160
Red Haven	260		
Red Skin	240		
Richhaven			80
Sunhaven			380

PEACH SUMMERLONG

Patent No. 1503

As the name implies this variety bears fruit over an extended period, often 3 to 4 weeks after first picking. Fruit is medium-sized, freestone, juicy and sweet and of excellent quality. Elberta type color, reddish tinge with yellow flesh.

	Per 10	Per 100
120 One Year, 7-16 to 9-16, 3 feet and up	\$ 9.00	\$ 80.00
80 " " 5-16 to 7-16, 2 feet and up	6.50	60.00

NECTARINE

	Per 10	Per 100	Per 1000
One Year, 7-16 to 9-16, 3 feet and up	\$ 7.50	\$ -----	\$ -----
" " 5-16 to 7-16, 2 feet and up	5.00	-----	-----
		7/16"	5/16"
Hunter	-----	70	40
Surecrop	-----	-----	40

APRICOTS

	Per 10	Per 100	Per 1000
One Year, 11-16 inch and up, 4½ feet and up	\$12.00	\$110.00	\$ -----
" " 5-16 to 7-16, 3 feet and up	5.50	50.00	-----
		11/16"	5/16"
Chinese	-----	800	220
Mantoy	-----	-----	40
Moorpark	-----	620	200
Perfection	-----	-----	20
Scout	-----	100	100

APRICOT TREES

Grown from selected seed secured from Chinese Apricot bearing orchards of the Northwest:

	Per 10	Per 100	Per 1000
150 Two Years, 11/16 inch and up, 4½ feet and up	\$ 8.00	\$ 75.00	\$ -----
160 " " 7-16 to 9-16 inch, 3 feet and up	4.50	40.00	-----
100 " " 5-16 to 7-16 inch, 2 feet and up	2.90	25.00	-----

MULBERRY

	Per 10	Per 100	Per 1000
100 Russian, 6 to 8 feet, branched	\$ 8.00	\$ 75.00	\$ -----
300 " 5 to 6 feet, branched	6.50	60.00	-----
100 " 4 to 5 feet, branched	5.00	45.00	-----

SMALL FRUITS

GRAPE VINES—Western New York Grown

Tied, No. 1, 50; No. 2, 100 per bundle

	Per 100	Per 1000
400 Agawam (Roger's 15) large, red, 2 years, No. 1	\$22.00	\$200.00
200 Caco, red, 2 years, No. 1	28.00	-----
4000 Concord, black, 2 years, No. 1	21.00	180.00
6000 " " 2 years, No. 2	16.00	140.00
1000 Fredonia, early, black, valuable, 2 years, No. 1	22.00	200.00
1000 " " " " 2 years, No. 2	19.00	160.00
600 Inter-loken, white seedless, 1 year, No. 1	60.00	550.00
600 Moore's Early, black, 2 years, No. 1	22.00	200.00
300 Niagara, white, 2 years, No. 1	22.00	200.00

SMALL FRUIT—Continued

GOOSEBERRIES

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
900	Carrie, dark red, 2 years, No. 1	\$33.00	\$300.00
200	" " " 2 years, No. 2	23.00	250.00
2600	Houghton, dark-red, 2 years, No. 1	33.00	300.00
1600	" " " 2 years, No. 2	28.00	250.00
400	Pixwell, dark-red, 2 years, No. 1	40.00	350.00

CURRANTS

Tied, No. 1, 25; No. 2, 50 per bundle

		Per 100	Per 1000
300	Perfection, bright-red, 2 years, No. 1	\$22.00	\$200.00
300	Red Lake, light red, 2 years, No. 1	22.00	200.00
100	" " " 2 years, No. 2	19.00	---

RASPBERRIES

Tied 25 per bundle

		Per 100	Per 1000
900	Black Hawk, black tips	\$14.00	\$120.00
2000	Cumberland, black tips	7.50	65.00
2200	Indian Summer, red everbearing, suckers, No. 1	10.00	85.00
4000	Latham, red, suckers, No. 1	9.00	80.00
600	Morrison, black tips	8.00	70.00
1200	Sodus, purple tips	9.00	80.00

BLACKBERRIES — Root Cutting Plants, No. 1

Tied 25 per bundle

		Per 100	Per 1000			Per 100	Per 1000
300	Alfred	\$ 6.50	\$ 60.00	600	Eldorado	\$ 6.50	\$ 60.00

MISCELLANEOUS BERRIES

Tied 25 per bundle

		Per 100	Per 1000
1000	Boysenberry, Thornless, tip plants, No. 1	\$ 8.00	\$ 70.00

MISCELLANEOUS

		Per 100	Per 1000
3000	Asparagus, Mary Washington, 2 year	\$ 3.50	\$ 30.00
2000	" " " 1 year	2.40	20.00
1600	" " " 3 year	4.50	40.00
4000	" Paradise, 2 year	3.50	30.00
1000	" " 1 year	2.40	20.00
1200	" " 3 year	4.50	40.00
500	Horseradish, Cuttings	4.50	40.00
2000	" Crowns	8.50	75.00
7400	Rhubarb, Victoria, whole roots, 1/2 to 5/8 inch	4.50	40.00
6000	" " " 5/8 to 1 inch	7.00	60.00
900	" " " 1 to 1 1/2 inch	8.50	75.00

Per 10 Per 100

1800 Rhubarb, Chipman's Red, grown from divisions \$ 4.50 \$ 40.00

1600 Rhubarb, Valentine, grown from divisions 5.00 45.00

FRUIT TREE STOCKS

WESTERN GROWN—UNDER IRRIGATION—Our experience has demonstrated that due to favorable climatic conditions western seedlings are superior for planting. We are using all western grown Apple Seedlings for our grafting and for budding stocks. Also use the other varieties of western grown Fruit Tree Stocks for our own budding.

APPLE SEEDLINGS—Washington Grown

	Per 100	Per 1000
21000 ¼-inch and up, Branched, Heavy.....	\$ 4.70	\$ 42.00
17000 No. 1, 3/16 to ¼ inch, Branched, strong.....	4.30	38.00
34000 No. 1, 3/16 inch and up, Straight, strong.....	4.70	42.00
4000 No. 2, 2/16 to 3/16 inch, Branched, strong.....	3.50	30.00
6000 No. 2, 2/16 to 3/16 inch, Straight, strong.....	3.50	30.00

MAHALEB SEEDLING—Washington Grown

16000 ¼ inch and up.....	4.50	40.00
39000 No. 1, 3/16 to ¼ inch.....	4.30	38.00

MAZZARD SEEDLINGS—Washington Grown

1200 ¼ inch and up.....	4.70	42.00
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PEAR SEEDLINGS—Washington Grown

BARTLETT

4600 ¼ inch and up, Branched, heavy.....	4.70	42.00
9000 No. 1, 3/16 to ¼ inch, Branched.....	4.30	38.00
4900 No. 2, 2/16 to 3/16, Branched.....	3.50	30.00

PEAR WINTER NELLIS—Washington Grown

4000 ¼ inch and up.....	6.20	57.00
3000 No. 1, 3/16 to ¼ inch.....	5.70	52.00
5000 No. 2, 2/16 to 3/16 inch.....	5.20	47.00
2000 No. 3, about 2/16 inch.....	4.70	42.00

PLUM MYROBOLAN—Washington Grown

12000 ¼ inch and up.....	4.50	40.00
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PLUM NATIVE—Shenandoah Grown

4000 No. 3, about 2/16 inch.....	2.10	18.00
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ROSE STOCKS

Multiflora Japonica

We offer the following Thorny Multiflora Japonica Seedlings for spring shipment only. These seedlings are grown from seed collected from types adapted for hardiness and hedge fences.

	Per 100	Per 1000
8000 3/8 inch and up.....	\$ 6.00	\$ 55.00
4600 ¼-inch to 3/8 inch.....	5.00	45.00
8400 No. 1, 3-16 to 1-4 inch.....	4.00	35.00
6200 No. 2, 2-16 to 3-16 inch.....	2.90	25.00
8000 No. 3, about 2-16 inch.....	2.10	18.00

DECIDUOUS TREES and ORNAMENTAL SEEDLINGS

Our seedlings are graded not only by height but particular attention is given to caliper, which insures a strong grade.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

ASH, GREEN, *Fraxinus lanceolata*

	Per 100	Per 1000
1400 6 to 12 inches.....	\$ 1.80	\$ 15.00

ASH, WHITE, *Fraxinus americana*

1200 6 to 12 inches.....	1.80	15.00
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BOX ELDER, *Acer negundo*

5000 6 to 12 inches.....	1.80	15.00
8000 2 to 3 feet.....	4.50	40.00

CARAGANA arborescens. Siberian Pea-Tree

8000 6 to 12 inches.....	2.10	18.00
6000 2 to 3 feet.....	6.50	55.00

CATALPA speciosa, Western Catalpa

800 12 to 18 inches.....	2.60	22.00
2000 18 to 24 inches.....	3.50	30.00

CORNUS STOLONIFERA, Red Osier Dogwood

8000 6 to 12 inches.....	4.00	35.00
9000 12 to 18 inches.....	6.00	50.00

COTONEASTER DIVARICATA, Spreading Cotoneaster

1000 9 to 12 inches.....	9.00	75.00
3600 12 to 18 inches.....	12.00	100.00
700 18 to 24 inches.....	16.00	140.00

ELM, AMERICAN WHITE, *Ulmus americana*

8000 6 to 12 inches.....	2.10	18.00
14000 12 to 18 inches.....	2.60	22.00
16000 18 to 24 inches.....	3.50	30.00
12000 2 to 3 feet.....	4.50	40.00
5000 3 to 4 feet.....	7.00	60.00
1800 4 to 5 feet.....	12.00	100.00

ELM, CHINESE, *Ulmus pumila*

We have a splendid lot of Chinese Elm seedlings in all grades, graded by height and caliper, making a strong grade. All seedlings for spring trade will be spring dug.

10000 6 to 12 inches.....	2.10	18.00
26000 12 to 18 inches.....	2.60	22.00
12000 18 to 24 inches.....	3.50	30.00
6000 2 to 3 feet.....	4.50	40.00
4000 3 to 4 feet.....	7.00	60.00
3000 4 to 5 feet.....	12.00	100.00
800 5 to 6 feet.....	19.00	160.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

HACKBERRY *Celtis occidentalis*

		Per 100	Per 1000
6000	6 to 12 inches	\$ 1.80	\$ 15.00
4000	12 to 18 inches	2.90	25.00
4200	18 to 24 inches	4.50	40.00
5600	2 to 3 feet	7.00	60.00
3000	3 to 4 feet	10.00	90.00

LOCUST, BLACK or YELLOW, *Robinia psuedoacacia*

4000	12 to 18 inches	2.60	22.00
2000	18 to 24 inches	3.50	30.00
3000	2 to 3 feet	4.50	40.00
3000	3 to 4 feet	7.00	60.00

LOCUST HONEY, *Gleditsia triacanthos*

1500	12 to 18 inches	2.60	22.00
3700	18 to 24 inches	3.50	30.00
1300	2 to 3 feet	4.50	40.00

LOCUST HONEY, Thornless, *Gleditsia triacanthos inermis*

17000	12 to 18 inches	2.90	25.00
11000	18 to 24 inches	4.00	35.00
3000	2 to 3 feet	5.60	50.00

MAPLE RUBRUM, Red Maple

1100	2 to 3 feet	12.00	100.00
200	3 to 4 feet	16.00	140.00

MAPLE SILVER LEAVED, *Acer dasycarpum (saccharinum)*

6000	12 to 18 inches	3.20	28.00
3000	2 to 3 feet	7.00	60.00
300	3 to 4 feet	10.00	90.00

MOUNTAIN ASH, *Sorbus aucuparia*

1100	6 to 9 inches	9.00	75.00
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MULBERRY, Russian, *Morus tatarica*

7400	2 to 3 feet	4.50	40.00
1100	3 to 4 feet	7.00	60.00

OAK PIN, *Quercus palustris*

4000	2 to 3 feet	22.50	200.00
3000	3 to 4 feet	34.00	300.00

OAK RED, *Quercus borealis (rubra)*

4000	18 to 24 inches	14.00	120.00
2000	2 to 3 feet	22.50	200.00

OAK SCARLET, *Quercus Coccinea*

1600	12 to 18 inches	10.00	90.00
1000	18 to 24 inches	15.00	125.00
1000	2 to 3 feet	25.00	225.00
400	3 to 4 feet	37.50	350.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

OSAGE ORANGE, *Maclura pomifera*

		Per 100	Per 1000
1000	12 to 18 inches	\$ 2.60	\$ 22.00
8000	18 to 24 inches	3.50	30.00
2000	2 to 3 feet	4.50	40.00

PECAN HARDY, *Carya illinoensis*

3700	9 to 12 inches	7.00	60.00
1100	12 to 18 inches	12.00	100.00
1400	18 to 24 inches	18.00	160.00
1300	2 to 3 feet	25.00	220.00
800	3 to 4 feet	35.00	300.00

PRUNUS SUBHIRELLA PENDULA TANAKA, Rosebud Cherry

4000	2 to 3 feet	19.00	160.00
2000	3 to 4 feet	28.00	250.00

RED BUD, *Cercis Canadensis*

800	6 to 12 inches	5.50	50.00
1200	12 to 18 inches	7.00	65.00
2000	18 to 24 inches	9.00	80.00
1000	2 to 3 feet	12.00	100.00

RHUS AROMATICA, Fragrant Sumac

9000	6 to 12 inches	4.00	35.00
2000	12 to 18 inches	6.00	50.00

RUSSIAN OLIVE, *Elaeagnus angustifolia*

3400	6 to 12 inches	2.60	22.00
6000	2 to 3 feet	8.00	70.00

SILVERBERRY, *Elaeagnus Argentea*

1100	9 to 12 inches	5.00	45.00
3700	12 to 18 inches	7.00	60.00
400	18 to 24 inches	9.00	80.00

SYCAMORE AMERICAN, *Platanus Occidentalis*

600	2 to 3 feet	10.00	90.00
2500	3 to 4 feet	16.00	140.00

THORN WASHINGTON, *Crataegus Cordata*

600	4 to 6 inches	3.50	30.00
900	6 to 12 inches	7.00	60.00
500	12 to 18 inches	10.00	90.00

THORN COCKSPUR, *Crataegus Crussgali*

200	4 to 6 inches	3.50	30.00
300	6 to 12 inches	7.00	60.00
100	12 to 18 inches	10.00	90.00

THORN ENGLISH, *Crataegus Oxycantha*

4000	6 to 12 inches	7.00	60.00
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THORN PEAR, *Crataegus Tomentosum*

200	4 to 6 inches	3.50	30.00
500	6 to 12 inches	7.00	60.00
200	12 to 18 inches	10.00	90.00

VIBURNUM DENTATUM, Arrowwood

1200	9 to 12 inches	8.50	75.00
3000	12 to 18 inches	12.00	100.00
400	18 to 24 inches	16.00	140.00

VIBURNUM MOLLE, Kentucky Viburnum

2000	9 to 12 inches	8.50	75.00
3000	12 to 18 inches	12.00	100.00
2000	18 to 24 inches	16.00	140.00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

ONE YEAR FROM CUTTINGS

Per 100 Per 1000

WILLOW LAUREL LEAVED, *salix pentandra*

500	12 to 18 inches	\$ 3.50	\$ 30.00
400	18 to 24 inches	5.00	45.00

WILLOW RUSSIAN GOLDEN, *salix vitelliana aurea*

1200	12 to 18 inches	3.50	30.00
1700	18 to 24 inches	4.50	40.00
1800	2 to 3 feet	5.50	50.00
250	3 to 4 feet	7.00	60.00

DECIDUOUS TREES

Our Shade and Ornamental Trees are first class, well shaped, young and vigorous nursery grown trees with good roots. They have been grown from seedlings transplanted in nursery row especially for this purpose.

All calipers taken 6 inches above the collar.

ASH, American White, *Fraxinus Americana*. 50-60 ft.

Tall growing, valuable tree for street and park planting.

		Per 10	Per 100	Per 1000
60	5 to 6 feet	\$11.00	\$100.00	\$
340	6 to 8 feet	17.50	160.00	
100	8 to 10 feet	25.00	225.00	
80	1¼ to 1½ inches	33.00	300.00	
20	1½ to 1¾ inches	40.00		

Blue, *Fraxinus quadrangulata*. 40 ft.

Compact globe shaped tree. Bluish green foliage. Seedless. Withstands severe winter conditions.

210	4 to 5 feet, whips	15.00	135.00	
200	5 to 6 feet, whips	18.00	165.00	
140	6 to 7 feet, whips	22.00	200.00	

Green, *Fraxinus pennsylvanica lanceolata*. 70-80 ft.

Thrives over a wide territory. Especially valuable for planting in high altitudes and dry cold climates. Succeeds everywhere. Valuable on the farm.

200	5 to 6 feet	11.00	100.00	
800	6 to 8 feet	17.50	160.00	1500.00
600	8 to 10 feet	25.00	225.00	2000.00
200	1¼ to 1½ inches	33.00	300.00	
50	1½ to 1¾ inches	40.00	350.00	

BIRCH, Cutleaf Weeping, *Betula pendula laciniata*. 30-40 ft.

A graceful white barked tree with drooping limbs and cutleaf foliage. Highly recommended for lawn and park planting.

110	5 to 6 feet	25.00	225.00	
380	6 to 7 feet	27.50	250.00	
600	7 to 8 feet	30.00	275.00	
240	8 to 9 feet	33.00	300.00	
300	9 to 10 feet	40.00	375.00	
210	1¼ to 1½ inches	47.50	450.00	
50	1½ to 1¾ inches	57.50	525.00	

DECIDUOUS TREES—Continued**BIRCH—Continued****European White, *Betula pendula* (alba). 30-40 ft.**

A hardy attractive tree with white bark.

		Per 10	Per 100	Per 1000
140	5 to 6 feet	\$16.50	\$150.00	\$
180	6 to 8 feet	22.00	200.00	
100	8 to 10 feet	27.50	250.00	
120	1½ to 1½ inches	33.00	300.00	
70	1½ to 1¾ inches	40.00		
20	2 to 2½ inches	50.00		
120	4 to 5 feet, Clump Form (2 stems)	19.00	175.00	
230	5 to 6 feet, Clump Form (2 stems)	25.00	225.00	
260	6 to 7 feet, Clump Form (2 stems)	30.00	275.00	

Paper or Canoe, *Betula papyrifera*. 40-50 ft.

Picturesque, paper bark, very white when older.

100	5 to 6 feet	18.00	160.00	
80	6 to 8 feet	27.50	250.00	

BOX ELDER, See Maple.**CATALPA, bungei, Umbrella Catalpa.**

Vigorous, large, dark green leaves, used for formal planting.

600	5-foot stems, 1-year heads	16.50	150.00	
300	6-foot stems, 1-year heads	19.00	175.00	
100	5-foot stems, 2-year heads	22.00	200.00	
80	6-foot stems, 2-year heads	25.00	225.00	

speciosa, Western Catalpa. 40-60 ft.

Well known hardy tree. White flowers, May-June.

50	1½ to 2 inches, mostly whips	22.00	200.00	
90	2 to 2½ inches	27.50	250.00	

CHERRY, Kwanzan. 10-15 ft.

Beautiful double, dark pink, late flowers. Planted freely in the east and south.

400	2 to 3 feet	15.00	125.00	
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CHESTNUT, *aesculus glabra*, Ohio Buckeye, 20 to 25 ft.

Ornamental tree bearing attractive nuts. Panicles of sulfur white flowers in May.

110	3 to 4 feet	16.50	150.00	
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COTTONWOOD, See Poplar.**CENTENNIAL CRAB (No. 1472)**

New introduction by the Minnesota State Fruit Breeding Farm, Dolgo x Wealthy. Tree small, branches horizontal. Flowers white. Fruit of excellent quality, bright red over yellow, up to 2 inches in size, bearing over a long season starting in late August. This variety promises to be used a great deal, both as fruiting crab and an ornamental.

		Per 10 Each	Per 100 Each
600	5 to 6 feet, 11/16 to 7/8 inch	\$ 1.40	\$ 1.35
380	6 to 7 feet, 7/8 inch and up	1.65	1.50

HOPA RED FLOWERING CRAB

A beautiful, upright growing tree with attractive foliage. Entirely covered with crimson buds opening to rose colored flowers in April. Fruits red inside and out, hanging on until late Autumn. Very hardy and free from disease. Planted extensively.

		Per 10	Per 100	Per 1000
400	2 to 3 feet	\$ 5.50	\$ 50.00	\$450.00
1000	3 to 4 feet	7.50	70.00	650.00
400	4 to 5 feet	10.00	90.00	
1400	5 to 6 feet	13.00	120.00	1100.00
1100	6 to 7 feet	16.50	150.00	1350.00
60	7 to 8 feet	19.00	175.00	

DECIDUOUS TREES—Continued

CRAB FLOWERING—Continued

FLOWERING CRAB SHRUB FORM

The following varieties are available in shrub or bush form. They are excellent plants for landscape planting or for listing in mail order catalogues.

	Per 10	Per 100	Per 1000
18 to 24 inches.....	\$ 5.50	\$ 50.00	\$ -----
			18/24"
Eley			140
Hopa			110

CRAB, Flowering Malus. 15-30 ft.	Per 10	Per 100	Per 1000
3 to 4 feet.....	\$ 9.00	\$ 85.00	\$ -----
4 to 5 feet.....	13.00	120.00	-----
5 to 6 feet.....	16.50	150.00	-----
6 to 7 feet.....	19.00	175.00	-----
7 to 8 feet.....	22.00	200.00	-----

Almey, 15-20 ft.

Large blossoms of glistening red petals, white markings at base of each, giving the effect of a five pointed star. Usually blossoms the same year planted. The scarlet fruits are retained till spring, furnishing food for winter birds. Green foliage.

Atrosanguinea, Carmine Crab. 15-20 ft.

Carmine buds changing to dull pink when open. Dark foliage. Small red fruit.

Eley Flowering Crab, purpurea eleyi. 15-20 ft.

Attractive reddish foliage in spring. Single pink flowers followed by showy red fruit.

floribunda purpurea, Purple Crab. 15-20 ft.

Attractive red foliage in spring. Single crimson flowers. Dark purple fruit.

Mount Arbor Special. 18-20 ft.

This desirable flowering crab produces an abundance of crimson flowers, purple fruit, with brilliant reddish-purple foliage, brighter in color than other varieties.

Purple Wave, 20 ft.

Carmine buds changing to pink as flowers open. Dark purplish green foliage. Dark red fruit.

Red Silver. 12-15 ft.

Fruit rich maroon red, foliage somewhat cut-leaved with silver and red color. A remarkable combination. Flower crimson.

	7/8'	6/7'	5/6'	4/5'	3/4'	2/3'
Almey	360	500	800	210	500	--
Atrosanguinea	--	400	540	--	--	--
Eley	220	400	600	260	80	40
floribunda pupurea	--	200	340	200	100	--
Mount Arbor Special	--	--	400	150	50	--
Purple Wave	--	80	--	130	110	--
Red Silver	--	--	370	350	180	40

DECIDUOUS TREES—Continued

CRAB FLOWERING—Continued

RECENT INTRODUCTIONS
ROSY BLOOM VARIETIES

	Per 10	Per 100	Per 1000
3 to 4 feet.....	\$13.50	\$125.00	\$-----
4 to 5 feet.....	16.50	150.00	-----
5 to 6 feet.....	19.00	175.00	-----
6 to 7 feet.....	22.00	200.00	-----
7 to 8 feet.....	25.00	225.00	-----

Cowichan, 18-20 ft.

Early. Blooms profusely each year and bears a good crop of spectrum-red fruits. Foliage is brilliantly colored in autumn. Light colored flowers.

Hilborn's Pyramid, 12-15 ft.

Habit columnar, narrow but strong. Flowers red in bud opening to pink. Purplish-red foliage.

Irene, 12-15 ft.

A sister to Crimson Brilliant, with similar very dark foliage and similar colored single flowers. Tree more dwarf in form.

Jay Darling, 15-20 ft.

Light purplish red flowers. Fruit dark purplish red. 1". Medium to large tree with round head. Purplish-red foliage.

Liset, 12-15 ft.

A seedling of and an improvement on Lemoine Crab; upright, with good purple blossoms, fine reddish bronze foliage, small red to purple fruits; blooms at a much younger age than Lemoine.

Makamik, 15-20 ft.

Purplish-red flowers followed by purplish-red fruit. One of the best of the Canadian Rosyblossoms. Bronze foliage.

	7/8'	6/7'	5/6'	4/5'	3/4'
Cowichan	--	140	120	40	--
Hilborn's Pyramid	--	430	120	--	30
Irene	--	--	400	--	160
Jay Darling	60	280	800	150	--
Liset	--	--	400	180	--
Makamik	--	230	640	--	60

CRAB, Bechtel Malus, ioensis plena. 12-15 ft.

A beautiful double pink, flowering crab with fragrant flowers. May-June.

	Per 10	Per 100	Per 1000
190 12 to 18 inches.....	\$ 4.00	\$ 35.00	\$-----
390 18 to 24 inches.....	5.50	50.00	-----
700 2 to 3 feet.....	7.00	65.00	-----

Bechtel, Klehm's Improved. 15-18 ft.

An improved strain of Bechtel crab. Slightly faster grower, larger leaves and not so susceptible to cedar rust.

700 4 to 5 feet.....	15.00	135.00	-----
120 5 to 6 feet.....	19.00	175.00	-----
230 6 to 8 feet.....	25.00	225.00	-----

DECIDUOUS TREES—Continued**ELM, American White, *Ulmus americana*. 60-100 ft.**

The most popular American tree for street and general planting.

		Per 10	Per 100	Per 1000
480	5 to 6 feet	\$ 8.00	\$ 75.00	\$ -----
1420	6 to 8 feet	12.00	110.00	1000.00
2140	8 to 10 feet	18.00	165.00	1500.00
1600	1½ to 1½ inches	29.00	250.00	2250.00
800	1½ to 1¾ inches	42.00	360.00	3250.00
700	1¾ to 2 inches	50.00	450.00	4000.00
400	2 to 2½ inches	52.50	500.00	-----

AUGUSTINE ASCENDING. 60-80 ft.

A new variety receiving wide publicity for its pyramidal habit of growth. Excellent for parkway and lawn plantings. Propagated under license from the Augustine Ascending Elm Research Association, Inc.

		10-99 Each	100-249 Each	250-up Each
140	5 to 6 feet	\$ 2.50	\$ 2.25	\$ -----
280	6 to 8 feet	3.50	3.25	-----
400	8 to 10 feet	5.00	4.75	-----
400	1¼ to 1½ inches	6.00	5.75	-----
160	1½ to 1¾ inches	7.00	6.75	-----
20	1¾ to 2 inches	8.25	8.00	-----

Christine Buisman, 40-50 ft.

RESISTANT TO ELM DISEASES. Rapid growing variety propagated vegetatively. Straight stems of heavy caliper. Small dark green leaves.

		Per 10	Per 100	Per 1000
240	5 to 6 feet	\$24.00	\$225.00	\$ -----
310	6 to 8 feet	30.00	275.00	-----
140	8 to 10 feet	35.00	325.00	-----
210	1¼ to 1½ inches	40.00	375.00	-----
50	1½ to 1¾ inches	50.00	-----	-----

Chinese, *Ulmus pumila*, Siberian Elm. 50-75 ft.

A hardy, rapid grower, slender branches, compact habit of growth with small attractive leaves. Highly recommended for dry climate.

		Per 10	Per 100	Per 1000
400	5 to 6 feet	7.00	65.00	600.00
1200	6 to 8 feet	11.00	100.00	900.00
1100	8 to 10 feet	15.50	135.00	1250.00
1040	1¼ to 1½ inches	22.00	200.00	1750.00
420	1½ to 1¾ inches	32.50	300.00	-----
100	1¾ to 2 inches	37.50	350.00	-----

English, *Ulmus campestris* (procera). 80-100 ft.

This is the most stately of the European Elms. Often planted as an avenue tree. Succeeds very well in most areas. Foliage remains green several weeks longer than that of the American Elm. **NOT SUSCEPTIBLE TO PHLOEM NECROSIS DISEASE.**

		Per 10	Per 100	Per 1000
80	5 to 6 feet	11.00	100.00	-----
100	6 to 8 feet	16.50	150.00	-----
100	8 to 10 feet	22.00	200.00	-----
80	1¼ to 1½ inches	30.00	275.00	-----
60	1½ to 1¾ inches	37.50	350.00	-----
30	1¾ to 2 inches	45.00	-----	-----
30	2 to 2½ inches	55.00	-----	-----

DECIDUOUS TREES—Continued

ELM—Continued

Lake City. 70-90 ft.

Upright, closely branched type of American Elm, large green leaves, larger than Moline, suitable for street and boulevard planting. Highly recommended.

	Per 10	Per 100	Per 1000
80 5 to 6 feet.....	\$11.00	\$100.00	\$
160 6 to 8 feet.....	16.50	150.00	.....
240 8 to 10 feet.....	22.50	200.00	.....
160 1¼ to 1½ inches.....	33.00	300.00	.....
30 1½ to 1¾ inches.....	45.00	.....	.....

Moline, Ulmus molini. 80-100 ft.

A pyramidal, vigorous growing variety with large, handsome green foliage. Fine tree for street and drive planting.

240 5 to 6 feet.....	11.00	100.00	.....
400 6 to 8 feet.....	16.50	150.00	1350.00
600 8 to 10 feet.....	22.00	200.00	1800.00
1100 1¼ to 1½ inches.....	33.00	300.00	2750.00
800 1½ to 1¾ inches.....	45.00	400.00	3750.00
670 1¾ to 2 inches.....	55.00	500.00	4750.00

Vase, Ulmus urni. 80-100 ft.

An American Elm with vase formation of limbs. Uniform type, rapid grower. Distinct improvement.

150 5 to 6 feet.....	11.00	100.00	.....
270 6 to 8 feet.....	16.50	150.00	.....
140 8 to 10 feet.....	22.00	200.00	.....
180 1¼ to 1½ inches.....	33.00	300.00	.....
200 1½ to 1¾ inches.....	45.00	400.00	.....
120 1¾ to 2 inches.....	55.00	500.00	.....

HACKBERRY, Celtis occidentalis. 50 ft.

A valuable shade tree of rapid spreading growth. Limbs seldom broken by wind.

460 5 to 6 feet.....	12.00	110.00	.....
570 6 to 8 feet.....	22.00	200.00	.....
540 8 to 10 feet.....	30.00	275.00	.....
260 1¼ to 1½ inches.....	37.50	350.00	.....
120 1½ to 1¾ inches.....	45.00	425.00	.....

THORNLESS HONEYLOCUST

(Shenandoah Grown)

We are offering the following Thornless Honeylocust under license from patentee.

We offer these for shipment from Shenandoah, Iowa in late fall or early spring.

MAXWELL LOCUST

(Gleditsia triacanthus inermis Maxwelli)

A new and tried variety of honeylocust budded from a specimen thornless and podless tree. Has nice habit of growth. Excellent street, lawn or park tree.

	Per 10 Each	Per 100 Each
260 4 to 5 feet, whips.....	\$ 1.60	\$ 1.40
180 5 to 6 feet, whips.....	1.85	1.65
120 6 to 7 feet, whips.....	2.10	1.90
100 7 to 8 feet, whips.....	2.75	2.50
240 5 to 6 feet, branched.....	2.75	2.50
200 8 to 10 feet, branched.....	4.25	4.00

DECIDUOUS TREES—Continued**HONEYLOCUST—Continued****MORAIINE LOCUST**

(Plant Patent No. 836)

This new shade tree developed by The Siebenthaler Company, is thornless and seedless. Resistant to disease and insect damage. Absence of seed pods and the quick crumbling of Moraine Locust leaves make this tree ideal from the garden maintenance standpoint.

ONE YEAR TOP, 3 YEAR ROOT, ONCE TRANSPLANTED.

	10-49	50-249	250-up
	Each	Each	Each
280 4 to 5 feet, whips	\$ 1.80	\$ 1.65	\$ 1.50
300 5 to 6 feet, whips	2.25	2.00	1.80
300 6 to 7 feet, whips	2.75	2.50	2.25
150 7 to 8 feet, whips	3.35	3.00	-----
200 5 to 6 feet, branched	2.75	2.50	-----
600 6 to 7 feet, branched	3.35	3.00	2.70
100 8 to 9 feet, branched	4.90	4.45	3.25
100 1¼ to 1½ inches, 2 year	10.00	9.00	-----

SKYLINE LOCUST

(Patent No. 1619)

A stately and unusual variety with distinctive pyramidal form. It develops an exceptionally strong, sturdy trunk and shapely crown without being staked or specially trimmed.

	10-29	30-99	100-299
	Each	Each	Each
240 4 to 5 feet, whips	\$ 1.80	\$ 1.60	\$ 1.40
180 5 to 6 feet, branched	3.75	3.35	3.00
400 6 to 8 feet, branched	4.70	4.25	3.85
470 8 to 10 feet, branched	6.00	5.40	-----
120 1¼ to 1½ inches, 2 year	7.30	-----	-----

SUNBURST LOCUST

Patent No. 1313

(Gleditsia triacanthos inermis aurea)

Bright golden-bronze foliage limited to 8 to 10 inches of the branch tips. Free of thorns and seedless. Tree is well formed, symmetrical and broadly pyramidal with excellent spreading branch habit.

	10-29	30-99	100-299
	Each	Each	Each
210 5 to 6 feet, whips	\$ 2.45	\$ 2.20	\$ -----
180 6 to 7 feet, whips	2.80	2.45	-----

LINDEN, American, Tilia americana. 60-90 ft.

Rapid growing tree. Large, glossy leaves, fragrant, yellow flowers. June.

	Per 10	Per 100	Per 1000
200 5 to 6 feet	\$18.50	\$170.00	\$ -----
680 6 to 8 feet	25.00	225.00	2000.00
960 8 to 10 feet	33.00	300.00	2750.00
870 1¼ to 1½ inches	40.00	375.00	-----
380 1½ to 1¾ inches	47.50	450.00	-----

DECIDUOUS TREES—Continued

LINDEN—Continued

Cordata, Small Leaf European Linden. 60 ft.

Very small leaves and desirable habit of growth.

		Per 10	Per 100	Per 1000
300	4 to 5 feet	\$19.00	\$175.00	\$ -----
870	5 to 6 feet	28.00	250.00	-----
940	6 to 8 feet	35.00	325.00	-----
380	8 to 10 feet	42.50	400.00	-----
120	1¼ to 1½ inches	55.00	500.00	-----

Platyphyllos, Big Leaf European Linden. 60-70 ft.

Large leaved European Linden making a large, symmetrical tree.

60	4 to 5 feet	19.00	175.00	-----
100	5 to 6 feet	28.00	250.00	-----
40	6 to 8 feet	35.00	-----	-----

Pyramidal, Redmond Pyramidal American Linden. 60-70 ft.

A budded variety of American Linden with attractive and distinct pyramidal habit of growth.

200	8 to 10 feet	37.50	350.00	-----
800	1¼ to 1½ inches	45.00	425.00	4000.00
600	1½ to 1¾ inches	55.00	500.00	-----

Tomentosa Argentea, White Linden. 80-100 ft.

Handsome tree of dense habit with upright branches; it stands heat and drought better than any of the other species.

60	4 to 5 feet	19.00	175.00	-----
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MAPLE, Amur, Acer ginnala. 20-25 ft.

Large shrub or small tree. Yellowish fragrant flowers. April-May. Leaves and seed pods attractive in fall.

60	2 to 3 feet	10.00	90.00	-----
400	3 to 4 feet	14.00	125.00	1100.00
600	4 to 5 feet	22.00	200.00	1900.00
460	5 to 6 feet	28.00	250.00	2250.00
90	6 to 8 feet	33.00	300.00	-----

Box Elder, Acer Negundo. 40-50 ft.

Hardy, rapid growing tree with bright green foliage.

220	5 to 6 feet	10.00	90.00	-----
380	6 to 8 feet	14.00	125.00	-----
200	8 to 10 feet	22.00	200.00	-----

Norway, Acer platanoides. 50-60 ft.

Hardy, popular tree. Fine for park and street planting. Spreading habit.

280	3 to 4 feet, whips	4.50	40.00	-----
900	4 to 5 feet, whips	5.50	50.00	450.00
800	5 to 6 feet, whips	7.50	70.00	650.00
1100	6 to 7 feet, whips	9.00	85.00	800.00
400	7 to 8 feet, whips	10.00	90.00	850.00
800	6 to 8 feet, branched	25.00	225.00	-----
1200	8 to 10 feet, branched	30.00	275.00	-----
40	1¼ to 2 inches	55.00	-----	-----

DECIDUOUS TREES—Continued

MAPLE—Continued

Norway columnaris, *Acer platanoides columnaris*. 40-50 ft.

Columnar form of the popular Norway Maple.

	Per 10	Per 100	Per 1000
140 4 to 5 feet, whips.....	\$12.00	\$110.00	\$ ----
400 5 to 6 feet, whips.....	15.50	140.00	-----
670 6 to 7 feet, whips.....	19.00	175.00	-----
360 7 to 8 feet, whips.....	22.00	200.00	-----
110 8 to 9 feet, whips.....	27.50	250.00	-----
200 6 to 8 feet, branched.....	33.00	300.00	-----
600 8 to 10 feet, branched.....	37.50	350.00	-----
140 1¼ to 1½ inches, branched.....	42.50	400.00	-----

SUMMERSHADE MAPLE

(Acer Platanoides "Summershade")

Plant patent No. 1748

New rapid-growing, heat-resistant, upright Norway Maple. The very dark green foliage is larger and more leathery than in other kinds and it resists windburn and insect injury. The tree grows more rapidly, and is self-branching, forming a shapely upright head with the leader maintained to the top.

	10-49 Each	50-249 Each
120 6 to 7 feet, whips.....	\$ 2.05	\$ 1.75
400 7 to 8 feet, whips.....	2.15	1.85

Norway Variegated, *Acer platanoides variegata*. 30-40 ft.

Attractive form of the popular Norway Maple with attractive variegated foliage.

	Per 10	Per 100	Per 1000
570 5 to 6 feet, whips.....	\$15.50	\$140.00	\$ ----
390 6 to 7 feet, whips.....	19.00	175.00	-----
50 5 to 6 feet, branched.....	28.00	250.00	-----
300 6 to 8 feet, branched.....	33.00	300.00	-----
70 8 to 10 feet, branched.....	37.50	350.00	-----

Schwedler, *Acer platanoides schwedleri*. 40-50 ft.

Very popular because of its reddish-purple leaves in the spring.

340 5 to 6 feet, whips.....	15.00	130.00	-----
470 6 to 7 feet, whips.....	19.00	175.00	-----
400 6 to 8 feet, branched.....	30.00	275.00	-----
700 8 to 10 feet, branched.....	35.00	325.00	-----
40 1¼ to 1½ inches.....	45.00	-----	-----

Silver, *Acer saccharinum* (dasycarpum). 60-80 ft.

Well known, rapid growing tree. Leaves silver underneath.

190 4 to 5 feet.....	7.50	70.00	-----
800 5 to 6 feet.....	10.00	90.00	-----
1200 6 to 8 feet.....	15.50	140.00	1250.00
1400 8 to 10 feet.....	22.00	200.00	1750.00
1100 1¼ to 1½ inches.....	28.00	250.00	2250.00
270 1½ to 1¾ inches.....	35.00	325.00	-----

DECIDUOUS TREES—Continued

MAPLE—Continued

CRIMSON KING MAPLE

(Acer Platanoides schwedleri nigra)

Plant patent No. 735

A great improvement over the Schwedleri Maple. In the spring Crimson King carries richer purple foliage, and this color is retained until leaves drop in the fall. Perfectly hardy. Not as rapid a grower as Schwedleri.

		10-49	50-99	100-499	500-999
		Each	Each	Each	Each
500	4 to 5 feet, whips	\$1.65	\$ 1.45	\$ 1.30	\$ 1.20
1100	5 to 6 feet, whips	2.10	1.80	1.60	1.50
800	6 to 7 feet, whips	2.60	2.30	2.10	1.95
760	7 to 8 feet, whips	3.15	2.85	2.65	2.45
900	8 to 9 feet, whips	3.65	3.35	3.15	2.90
200	5 to 6 feet, branched	4.25	3.65	3.25	---
800	6 to 8 feet, branched	5.25	4.65	4.25	---
390	8 to 10 feet, branched	6.25	5.65	5.25	---

Sugar, Acer saccharum. 50-75 ft.

Splendid hardy ornamental tree. Foliage turning bright orange, sometimes scarlet in autumn.

		Per 10	Per 100	Per 1000
490	4 to 5 feet, whips	\$12.00	\$110.00	\$ ---
490	5 to 6 feet, whips	18.00	150.00	---
220	6 to 7 feet, whips	22.00	200.00	---
380	6 to 8 feet, branched	33.00	300.00	---
420	8 to 10 feet, 1 to 1½ inches, branched	45.00	400.00	---

MOUNTAIN ASH, European sorbus aucuparia. 20-40 ft.

A valuable ornamental tree with scarlet berries. August-September.

300	8 to 10 feet	35.00	325.00	3000.00
260	1½ to 1½ inches	40.00	375.00	---

OAK, Pin, Quercus palustris. 70-80 ft.

Of rapid growth. Leaves deeply cut and colors beautiful in autumn. Transplants more readily than most varieties.

280	4 to 5 feet	16.50	150.00	---
900	5 to 6 feet	22.00	200.00	1750.00
1200	6 to 8 feet	33.00	300.00	2750.00
1400	8 to 10 feet, 1¼ to 1½ inches	45.00	400.00	3750.00
900	1½ to 2 inches	60.00	575.00	5500.00
600	2 to 2½ inches	70.00	650.00	---
200	2½ to 3 inches	85.00	800.00	---
20	3 to 3½ inches	100.00	---	---

Red, Quercus borealis (rubra). 60-80 ft.

An excellent tree for park and street planting. Beautiful foliage turning red in autumn.

140	4 to 5 feet	19.00	175.00	---
320	5 to 6 feet	25.00	225.00	---
670	6 to 8 feet	35.00	325.00	---
300	8 to 10 feet	45.00	425.00	---
100	1½ to 2 inches	70.00	650.00	---

DECIDUOUS TREES—Continued

PECAN, *Hicoria* (*Carya illinoensis*)

A native nut bearing tree.

	Per 10	Per 100	Per 1000
140 3 to 4 feet.....	\$11.00	\$100.00	\$ ----

POPLAR, *Bolleana, alba bolleana*, Silver Leaved. 50-60 ft.

A rapid growing columnar tree with silvery foliage.

200 4 to 5 feet, whips.....	4.50	40.00	-----
300 5 to 6 feet, whips.....	6.50	60.00	-----
380 6 to 8 feet, whips.....	10.00	90.00	-----
100 5 to 6 feet.....	10.00	90.00	-----
240 6 to 8 feet.....	14.00	125.00	-----
300 8 to 10 feet.....	19.00	175.00	-----
220 1½ to 1½ inches.....	22.00	200.00	-----

Carolina, (Norway Variety). 75-100 ft.

A rapid grower. Succeeds over a wide territory. We are growing Norway, an improved type of Carolina.

600 5 to 6 feet.....	5.50	50.00	-----
800 6 to 8 feet.....	8.00	75.00	-----
400 8 to 10 feet.....	11.00	100.00	-----
100 1½ to 2 inches.....	15.50	140.00	-----

Cottonwood, Cottonless. 75-100 ft.

Much preferred over the common species of western cottonwood, because it does not develop seeds.

400 5 to 6 feet.....	7.00	65.00	-----
800 6 to 8 feet.....	10.00	90.00	-----
570 8 to 10 feet.....	15.50	140.00	-----

Cottonwood, Cottonless *Laceleaf, Acuminata Coloradoensis*. 60-80 ft.

Tree slender, with smooth light bark. Attractive tree with leaves long-acuminate and somewhat drooping.

120 3 to 4 feet.....	4.50	40.00	-----
160 4 to 5 feet.....	6.00	55.00	-----

Lombardy, *nigra italica*. 60-80 ft.

Tall grower, pyramidal. Valuable for landscape work and screens. Low branched.

1500 4 to 5 feet, low branched.....	2.90	25.00	-----
2100 5 to 6 feet, " ".....	5.00	45.00	400.00
1800 6 to 8 feet, " ".....	6.00	55.00	500.00
1200 8 to 10 feet, " ".....	7.00	65.00	600.00
600 1¼ to 1½ inches, low branched.....	8.00	75.00	-----
300 1½ to 1¾ inches.....	11.00	100.00	-----
100 1¾ to 2 inches.....	14.00	125.00	-----

serotina

Smaller bright green leaves measuring 4 to 5 inches. New growth showing distinct reddish brown color. Spreading habit and fast grower. Cottonless

400 5 to 6 feet.....	7.00	65.00	-----
500 6 to 8 feet.....	10.00	90.00	-----
180 8 to 10 feet.....	15.50	140.00	-----

Theve, *Populus Nigra Thevestura*. 50-60 ft.

Hardy form of the popular Lombardy variety. Considered longer lived. Very pyramidal. Leaves larger than Lombardy.

40 5 to 6 feet.....	5.00	45.00	-----
160 6 to 8 feet.....	7.00	65.00	-----
100 8 to 10 feet.....	8.50	80.00	-----

PRUNUS, Ornamental Plum.***cistena*, Hansen's Purple Leaved Plum. 5-6 ft.**

(Budded on Native Plum)

A dwarf variety with rich purple red foliage. Bush form.

600 9 to 12 inches.....	2.90	25.00	220.00
300 12 to 18 inches.....	4.50	40.00	-----

DECIDUOUS TREES—Continued

PRUNUS—Continued

Hansen Bush Cherry. 6-7 ft.

An improved Prunus besseyi; very productive and extremely hardy.

	Per 10	Per 100	Per 1000
600 2 to 3 feet, transplants, branched.....	\$ 4.00	\$ 35.00	\$ -----

Newport, purple Leaved. 15-20 ft.

Hardy upright grower. Foliage reddish purple with bright red tips.
(Budded on Native Plum)

120 18 to 24 inches (Shrub Form).....	6.50	60.00	-----
320 5 to 6 feet (Tree Form).....	19.00	175.00	-----
140 6 to 8 feet " "	25.00	225.00	-----

Padus commutata, May Day Tree. 18-20 ft.

Very early blooming, producing a wealth of large, clear white fragrant flowers in clusters followed by edible fruit. May be grown either bush or tree form. Very hardy.

25 3 to 4 feet.....	11.00	100.00	-----
60 5 to 6 feet.....	19.00	175.00	-----

persica, Flowering Peach. 15-20 ft.

An early blooming double flowering peach.

2 to 3 feet.....	4.50	40.00	-----
3 to 4 feet.....	7.50	70.00	-----
4 to 5 feet.....	11.00	100.00	-----
5 to 6 feet.....	14.00	125.00	-----
	5/6'	4/5'	3/4'
Camelliaeflora, Late Red	100	140	80
Cardinal, Red	40	20	60
Helen Borchers, Clear Pink	70	--	30
Red Flowering, Double Red	170	--	--

RUTGER'S RED-LEAVED FLOWERING PEACH

Ornamental tree with red foliage. Single pink flowers. Fruit red, 1½ inches in diameter, white flesh.

	Per 10	Per 100
40 3 to 4 feet.....	\$ 8.50	\$ 80.00
70 4 to 5 feet.....	14.00	125.00
70 5 to 6 feet.....	15.50	140.00
30 6 to 8 feet.....	19.00	175.00

thundercloud. 10-12 ft.

The finest of all purple leaf plum. Very hardy.
(Budded on Native Plum)

	Per 10	Per 100	Per 1000
40 5 to 6 feet (Tree Form).....	\$19.00	\$175.00	\$ -----

tomentosa, Nanking Cherry. 10-12 ft.

Very hardy variety, remarkably showy flowers and fruit of finest flavor.
For jams and preserves it is unexcelled.

800 12 to 18 inches.....	2.90	25.00	220.00
1100 18 to 24 inches.....	4.50	40.00	350.00
400 2 to 3 feet.....	5.50	50.00	450.00
120 3 to 4 feet.....	8.00	75.00	-----

DECIDUOUS TREES—Continued

PRUNUS—Continued

tomentosa, Orient, Self Fertile Orient Cherry. 10-12 ft.

Improved budded variety producing an abundance of bloom. Heavy bearer. Flesh of fruit is meaty, juicy, sub-acid flavor. Excellent for eating fresh or for jam and jelly.

		Per 10	Per 100	Per 1000
340	18 to 24 inches.....	\$ 6.50	\$ 60.00	\$550.00
900	2 to 3 feet.....	9.00	85.00	800.00
270	3 to 4 feet.....	11.00	100.00	-----
380	4 to 5 feet.....	14.00	125.00	-----

triloba, Flowering Plum. 8-10 ft.

A handsome, hardy, vigorous, large shrub or small tree with double pink flowers in April-May. Will succeed over a wide territory. Bush form.

(Budded on Native Plum)

470	12 to 18 inches.....	4.00	35.00	-----
680	18 to 24 inches.....	6.50	60.00	-----
310	2 to 3 feet.....	8.00	75.00	-----

RED BUD, Cercis canadensis. 20-30 ft.

Very attractive, rosy pink almost red flowers in April.

200	18 to 24 inches.....	4.00	35.00	-----
130	4 to 5 feet.....	14.00	125.00	-----

SYCAMORE or American Planetree, Platanus occidentalis. 100-130 ft.

Large, handsome leaves. Smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance.

140	4 to 5 feet.....	8.00	75.00	-----
300	5 to 6 feet.....	12.00	110.00	-----
620	6 to 8 feet.....	19.00	175.00	1600.00
710	8 to 10 feet.....	28.00	250.00	2250.00
980	1¼ to 1½ inches.....	33.00	300.00	2750.00
720	1½ to 1¾ inches.....	40.00	375.00	3500.00
200	1¾ to 2 inches.....	50.00	450.00	-----

THORN, Crataegus, Cordata, Washington Hawthorn. 20-25 ft.

Bright red fruit, brilliant autumn foliage.

110	3 to 4 feet.....	22.00	200.00	-----
160	4 to 5 feet.....	27.50	250.00	-----
40	5 to 6 feet.....	35.00	-----	-----

Punctata, Dotted Hawthorn. 25-30 ft.

Broad-headed, small tree with large, white flowers in May; dull red, spotted fruit in October.

60	4 to 5 feet.....	27.50	200.00	-----
100	5 to 6 feet.....	35.00	325.00	-----
20	6 to 8 feet.....	55.00	-----	-----

WALNUT CARPATHIAN**SCHAFER VARIETY**

(Grown from Seed)

Hardy as far north as North Dakota withstanding temperature as low as 35 degrees below zero. English Walnut variety of good size fruit often bearing as young as five years.

	Per 10	Per 100
400 12 to 18 inches.....	\$10.00	\$ 85.00
500 18 to 24 inches.....	14.00	125.00
100 5 to 6 feet.....	37.50	350.00

DECIDUOUS TREES—Continued

WILLOW, Salix**babylonica, Babylon Weeping Willow. 40-50 ft.**

Rapid grower with long pendulous branches. Not hardy in this latitude.

		Per 10	Per 100	Per 1000
60	4 to 5 feet.....	\$ 6.50	\$ 60.00	\$ -----
260	5 to 6 feet.....	11.00	100.00	-----
300	6 to 8 feet.....	15.00	135.00	-----
180	8 to 10 feet.....	22.00	200.00	-----

Niobe Weeping. 30-35 ft.

An exceptionally strong, hardy, graceful tree. Splendid pendulous habit.
 Very attractive golden bark. Light green flowers in April.

240	8 to 10 feet.....	22.00	200.00	-----
300	1¼ to 1½ inches.....	28.00	250.00	-----
180	1½ to 1¾ inches.....	33.00	300.00	-----

Pussy, Salix discolor. 20-25 ft.

Popular Willow on account of catkins in March-April before leaves.

410	18 to 24 inches.....	2.90	25.00	220.00
600	2 to 3 feet.....	4.40	38.50	350.00
800	3 to 4 feet.....	6.00	55.00	500.00
370	4 to 5 feet.....	8.50	80.00	750.00

Pussy, French Pink. 15-20 ft.

Similar to the common Pussy Willow but with silvery-pink catkins 1-2 inches long.

160	12 to 18 inches.....	3.50	30.00	-----
300	18 to 24 inches.....	4.50	40.00	-----

Wisconsin Weeping, Salix blanda. 40-50 ft.

Spreading limbs and pendulous branches. Dark green leaves. Hardy.

400	4 to 5 feet.....	6.50	60.00	-----
400	8 to 10 feet.....	22.00	200.00	-----
180	1¼ to 1½ inches.....	28.00	250.00	-----
30	1½ to 1¾ inches.....	33.00	-----	-----

ORNAMENTAL SHRUBS

Our Shrubs are well grown, bushy stock, many of them twice transplanted, grown on rich land with plenty of room to develop well finished plants. Are confident they will please your trade.

Tied 9-12 and 12-18, 25; 18-24 and 2-3, 10; 3-4 and 4-5, 5 per bundle.

ACANTHOPANAX sieboldianus (Pentaphyllum), Five leaf Aralia. 10 ft.

A graceful shrub with arching branches and bright green, shining foliage, excellent on rocky banks and slopes.

	Per 10	Per 100	Per 1000
200 12 to 18 inches.....	\$ 3.40	\$ 30.00	\$ -----
670 18 to 24 inches.....	5.00	45.00	400.00
420 2 to 3 feet.....	6.00	55.00	500.00

ALMOND, Pink Flowering, Prunus glandulosa rosea. 5-6 ft.

Double pink. Very ornamental, limbs being covered with masses of flowers. April-May.

1700 12 to 18 inches, Own Root.....	3.50	30.00	270.00
1640 18 to 24 inches, " ".....	5.50	50.00	450.00
1960 2 to 3 feet, " ".....	6.50	60.00	550.00
800 3 to 4 feet, " ".....	7.50	70.00	650.00

ALTHEA, Hibiscus syriacus. 10-12 ft.

Upright shrub, blooming August and September. Colors, pink, purple, red, and white.

18 to 24 inches.....	4.00	35.00	-----
2 to 3 feet.....	5.00	45.00	-----
3 to 4 feet.....	6.50	60.00	-----
d-Double	s-Single		
	3/4'	2/3'	18/24"
Anemonaeflorus, d pink.....		130	-----
Ardens, d purple.....	50	150	200
Boul de Feu, d red.....	350	100	-----
Jean d' Arc, d white.....	70	240	200
Lucy, d red.....	130	120	60
Rubis, s red.....	20	40	60

AMELANCHIER, canadensis Juneberry (Downy Shadblow). 10-15 ft.

Attractive white flowers early spring followed by dark red fruit. Edible. Attractive to birds.

	Per 10	Per 100	Per 1000
500 12 to 18 inches.....	\$ 5.00	\$ 45.00	\$ 400.00
600 18 to 24 inches.....	6.50	60.00	550.00
740 2 to 3 feet.....	8.00	75.00	700.00

ARONIA arbutifolia brilliantissima, Brilliant Chokeberry. 8 ft.

Similar to red type with more brilliant berries.

140 12 to 18 inches.....	4.50	40.00	-----
180 18 to 24 inches.....	6.00	55.00	-----
320 2 to 3 feet.....	7.00	65.00	-----
100 3 to 4 feet.....	8.50	80.00	-----

BARBERRY, Berberis

Box, berberis minor. 2-3 ft.

Dwarf form of Japanese Barberry. Fine for low hedges or borders.

50 12 to 15 inches.....	4.50	40.00	-----
170 15 to 18 inches.....	5.50	50.00	-----
420 18 to 24 inches.....	7.00	65.00	-----

Crimson Pygmy Barberry, thunbergi atropurpurea nana. 1 to 1½ ft.

Deep red foliage on an extremely dense low plant. AVAILABLE SPRING SHIPMENT ONLY. 2 and 3 years field grown.

400 9 to 12 inches, well furnished bushy plants.....	8.50	80.00	-----
600 12 to 15 inches, " " " ".....	11.00	100.00	-----

Roots will be wrapped in sphagnum moss.

ORNAMENTAL SHRUBS—Continued

BARBERRY—Continued

thunbergi Common Barberry. 4-5 ft.

Pale yellow flowers. April-May. A splendid hardy hedge plant. Also fine for mass planting. Brilliant red fruit and foliage in autumn.

		Per 10	Per 100	Per 1000
1100	12 to 15 inches	\$ 2.80	\$ 24.00	\$220.00
2000	15 to 18 inches	3.20	28.00	250.00
2600	18 to 24 inches	4.40	38.50	350.00
230	2 to 2½ feet	5.50	50.00	-----

Our Barberry Thunbergi are 2 and 3 year heavy, well furnished transplants that will please the most critical trade. Write for special quotations on quantity lots.

See Hedging for Seedlings and smaller grades.

thunbergi nana. Globe Barberry. 3-4 ft.

Low, slow growing, compact sport of well known hardy Barberry. Its compact, tight growth makes a trim appearance without shearing. Foliage better than its parent with bright red berries.

260	15 to 18 inches	8.00	75.00	-----
400	18 to 24 inches	10.00	90.00	-----

thunbergi erecta, Truehedge Columnberry.

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage.

200	15 to 18 inches	4.00	35.00	-----
700	18 to 24 inches	5.00	45.00	400.00
800	2 to 2½ feet	6.00	55.00	500.00

Red Leaved, Berberis atropurpurea. 3-6 ft.

Variety of Japanese Barberry with bright red foliage.

600	15 to 18 inches	5.00	45.00	400.00
2800	18 to 24 inches	6.00	55.00	500.00
1400	2 to 2½ feet	7.00	65.00	600.00
180	2½ to 3 feet	8.00	75.00	-----

BERBERIS MENTORENSIS

(Sun or shade—ultimated height 5 ft.)

Barberry mentorensis is the result of a cross between Barberry Thunbergi and Barberry Juliana. It is a plant with very rugged, strong upright growing branches and heavy thorns. Its foliage is heavy and thick and of perfect color—a green as dark as the Japanese Yew.

		Per 10	Per 100	Per 1000
400	15 to 18 inches	\$ 5.50	\$ 50.00	\$450.00
1400	18 to 24 inches	6.50	60.00	550.00
800	2 to 2½ feet	8.00	75.00	700.00

BOXWOOD, Buxus microphylla koreana, Korean Boxwood. 2 ft.

One of the hardiest varieties of Boxwood. Recommended for planting on North or East exposure. This variety has proven hardy here with some protection. We recommend SPRING SHIPMENT. These are 3 and 4 year old field grown, well furnished, bushy plants.

		Per 10	Per 100	Per 1000
100	4 to 6 inches, well furnished, bushy plants	\$ 6.00	\$ 55.00	\$ -----
300	6 to 9 inches, " " "	10.00	90.00	-----
400	9 to 12 inches, " " "	16.50	150.00	-----
200	12 to 15 inches, " " "	22.50	180.00	-----

Roots will be wrapped in sphagnum moss.

ORNAMENTAL SHRUBS—Continued

BUDDLEIA, Butterfly Bush, Perennial Shrub. 4-5 ft.

We are growing most of our Buddleia in California where soil and climatic conditions are ideal for producing strong, well rooted plants that are properly matured. You will like them.

Charming

Long sprays covered with lavender-pink blooms which compared to other varieties are distinctly pink. Has exceptional value for house decoration.

	Per 10	Per 100	Per 1000
900 No. 1	\$ 3.80	\$ 33.00	\$300.00

Dubonnet

A new dark wine dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size that do not sunburn.

1100 Medium	3.20	28.00	250.00
2100 No. 1	3.80	33.00	300.00

Ile de France. 4-6 ft.

Large flowers of rich, reddish-purple, borne in long panicles.

680 Medium	3.20	28.00	250.00
1800 No. 1	3.80	33.00	300.00

Orchid Beauty

An orchid pink with brilliant, orange eye and flower heads up to 24 inches in length, broad at base. Excellent as a cut flower. New.

300 Medium	3.20	28.00	250.00
1200 No. 1	3.80	33.00	300.00

BURGUNDY

A Mount Arbor introduction—A Buddleia of merit. Strong, upright growing plant produces an abundance of well rounded flower trusses often measuring 18 inches in length. The individual florets open practically all at the same time. The color is "Burgundy Wine-red" that is even more brilliant in sunlight in the garden or where used as a cut flower under artificial light.

	Per 10	Per 100	Per 1000
1100 No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

EMPIRE BLUE

We have seen no other blue Buddleia that compares with this. The color is an Aster-blue with delicate lilac tone, the whole effect being an exquisite shade of blue.

	Per 10	Per 100	Per 1000
800 No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

PINK DAWN

A Mount Arbor introduction — cross between Buddleia Fortune and Pink Charming. The compact plant attains a height of 4-5 ft., carrying deep dark green foliage. The flower is pink throughout and produced in great abundance throughout the entire summer and autumn. Excellent as a cut flower with sprays up to two feet in length. This is the best truly pink flowering Buddleia in existence today.

	Per 10	Per 100	Per 1000
1100 No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

ORNAMENTAL SHRUBS—Continued**BUDDLEIA—Continued****ROYAL RED**

A variety of merit, producing from July until frost an abundance of large, full round sprays of 2 ft. in length; color rich dark royal purple, intensified to almost red when displayed under artificial light. Plant attains 4-6 ft. height, and foliage is deep leathery green.

	Per 10	Per 100	Per 1000
860 No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

SNOWBANK

A Mount Arbor introduction. This white Buddleia produces fully round and compact sprays measuring 10 to 15 inches in length and carries an abundance of deep, dark green foliage.

	Per 10	Per 100	Per 1000
1200 No. 1, dormant plants, field grown.....	\$ 4.00	\$ 35.00	\$300.00

WHITE BOUQUET

A white Buddleia carrying 8-inch spikes of fully rounded-out blooms. Splendid for cut flower purposes.

	Per 10	Per 100	Per 1000
1300 No. 1	\$ 4.50	\$ 40.00	\$300.00

CALYCANTHUS floridus, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

	Per 10	Per 100	Per 1000
150 12 to 18 inches	\$ 4.50	\$ 40.00	\$
320 18 to 24 inches	5.50	50.00	.....

CARAGANA arborescens. Siberian Peashrub. 12-15 ft.

Very hardy. Yellow flowers in May-June.

	Per 10	Per 100	Per 1000
200 12 to 18 inches	2.50	22.00	.....
480 18 to 24 inches	3.50	30.00	.....

CARYOPTERIS, Blue Mist (Hardy Blue Spirea). 18-24 inch.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate and slightly toothed and silvery green in color. Hardy.

	Per 10	Per 100	Per 1000
240 Medium	2.90	25.00	220.00
680 No. 1	4.00	35.00	300.00

incana azure, Azure Blue Spirea. 18-24 inch.

Azure-blue flowers, more compact, and more dwarf than the regular Blue Mist. Better foliage.

	Per 10	Per 100	Per 1000
700 No. 1	5.50	50.00	.....

CARYOPTERIS HEAVENLY BLUE

(Patent No. 1091)

Deep blue colored selection of the well known Blue Mist. Upright in growth and more dwarf than its parent. One shrub will produce 30 or more beautiful deep blue flower spikes, a rare color particularly in the autumn garden.

	Per 10	Per 100	Per 1000
2100 No. 1	\$ 7.00	\$ 60.00	\$550.00

ORNAMENTAL SHRUBS—Continued

CHAENOMELES, See Cydonia

CHIONANTHUS virginica, White Fringe. 25 ft.

Large glossy leaves, white fragrant flowers. May-June.

	Per 10	Per 100	Per 1000
50 12 to 18 inches.....	\$ 6.50	\$ 60.00	\$ -----
160 18 to 24 inches.....	9.00	85.00	-----
100 2 to 3 feet.....	14.00	125.00	-----

CORNUS, Dogwood

alba sibirica, Siberian Dogwood. 10-12 ft.

Hardy, vigorous, upright shrub producing small white flowers, April-May. Porcelain blue fruit. Bright red bark in winter.

400 12 to 18 inches.....	3.50	30.00	-----
170 18 to 24 inches.....	5.00	45.00	-----
160 2 to 3 feet.....	6.00	55.00	-----
240 3 to 4 feet.....	7.00	65.00	-----

baileyi, Bailey Dogwood. 8-10 ft.

Improved strain of sibirica with brighter red bark.

800 12 to 18 inches.....	3.50	30.00	-----
400 18 to 24 inches.....	5.00	45.00	-----
250 3 to 4 feet.....	7.00	65.00	-----

florida rubra, Red Flowering Dogwood. 15-20 ft.

Variety of Cornus Florida with bright pink flowers.

100 2 to 3 feet (Baled in Moss).....	22.00	200.00	-----
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Goldentwig, stolonifera flaviramea. 8-10 ft.

Distinct yellow bark, has fine winter effect.

390 9 to 12 inches.....	2.10	18.00	150.00
450 12 to 18 inches.....	3.50	30.00	270.00
350 18 to 24 inches.....	5.00	45.00	-----

racemosa (paniculata) Gray Dogwood. 12-15 ft.

White flowers in May followed by white fruit.

460 2 to 3 feet.....	6.00	55.00	500.00
860 3 to 4 feet.....	7.50	70.00	650.00
400 4 to 5 feet.....	9.00	85.00	800.00

stolonifera Coloradensis, Colorado Red Osier Dogwood. 10-12 feet.

Branches brownish-red. Attractive bush, bluish-white fruit. May-June.

140 12 to 18 inches.....	3.50	30.00	-----
240 18 to 24 inches.....	5.00	45.00	-----
290 2 to 3 feet.....	6.00	55.00	-----
150 3 to 4 feet.....	7.50	70.00	-----
50 4 to 5 feet.....	9.00	-----	-----

stolonifera Nana, Kelsey's Dwarf Red Osier Dogwood

A compact low growing Dogwood, similar to the Viburnum Nanum in habit, but with red stems.

150 18 to 24 inches.....	8.50	80.00	-----
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CORYLUS Americana, American Hazelnut. 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

300 12 to 18 inches.....	3.50	30.00	-----
190 3 to 4 feet.....	8.50	80.00	-----

COTONEASTER acutifolia, Peking Cotoneaster. 10-12 ft.

An attractive hardy shrub or hedge. Dark green leaves. Black fruit.

1400 12 to 18 inches.....	2.90	25.00	220.00
360 18 to 24 inches.....	4.00	35.00	-----

ORNAMENTAL SHRUBS—Continued

CYDONIA japonica (Chaenomeles). Flowering Quince. 5-6 ft.

Our Cydonia are grown from cuttings secured from blooming wood, producing uniform scarlet colored flowers.

	Per 10	Per 100	Per 1000
1200 9 to 12 inches.....	\$ 1.80	\$ 15.00	\$120.00
1700 12 to 18 inches.....	2.90	25.00	210.00
1900 18 to 24 inches.....	4.40	38.50	350.00
1700 2 to 3 feet.....	5.50	50.00	450.00
1300 3 to 4 feet.....	6.50	60.00	550.00

DEUTZIA, gracilis, Slender Deutzia. 3 ft.

Dwarf, blooms freely. Small pure white flowers. May.

280 9 to 12 inches.....	3.50	30.00	-----
500 12 to 15 inches.....	5.00	45.00	400.00
700 15 to 18 inches.....	6.00	55.00	500.00
400 18 to 24 inches.....	7.00	65.00	600.00
420 2 to 2½ feet.....	8.50	80.00	750.00

gracilis exima rosea. 4 ft.

Light pink bud opening to pinkish-white flower. Very attractive.

100 9 to 12 inches.....	4.00	35.00	-----
300 12 to 15 inches.....	5.00	45.00	-----
400 15 to 18 inches.....	6.00	55.00	-----
460 18 to 24 inches.....	7.00	65.00	-----
180 2 to 2½ feet.....	8.50	80.00	-----

Lemoine, lemoinei Deutzia. 5-6 ft.

Large white showy flowers in May. Quite hardy.

300 12 to 18 inches.....	4.50	40.00	-----
2100 18 to 24 inches.....	5.50	50.00	450.00
1100 2 to 2½ feet.....	7.00	65.00	600.00

lemoinei compacta, Dwarf Lemoine Deutzia. 3-4 ft.

New outstanding compact form of the popular Lemoine variety. White flowers in long sprays.

360 18 to 24 inches.....	7.50	70.00	-----
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Pride of Rochester. 10-12 ft.

Strong grower, free bloomer, double white flowers tinged pink.

300 18 to 24 inches.....	4.00	35.00	-----
800 2 to 3 feet.....	5.50	50.00	450.00
200 3 to 4 feet.....	6.50	60.00	-----

ELDER Golden American, Sambucus canadensis aurea. 10-12 ft.

120 4 to 5 feet.....	9.00	85.00	-----
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EUONYMUS alatus, Winged Euonymus (Japanese Spindle Tree). 10-12 ft.

Yellow flowers, May-June. Interesting corky bark. Leaves turning brilliant crimson in autumn.

500 2 to 3 feet, Heavy.....	14.00	125.00	1100.00
800 3 to 4 feet, Heavy.....	16.50	150.00	1400.00

Alatus compacta, Dwarf Winged Euonymus. 4-6 ft.

Dwarf, compact form of the type. Splendid for hedges.

400 2 to 3 feet.....	16.50	150.00	1400.00
230 2½ to 3 feet, Heavy.....	20.00	185.00	-----

atropurpureus, Eastern Wahoo. 12-15 ft.

Native, hardy vigorous shrub or small tree producing an abundance of scarlet berries. Attractive colored foliage in autumn.

100 12 to 18 inches.....	4.00	35.00	-----
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European, Burningbush, europaeus. 12-15 ft.

Dark green foliage with yellow and scarlet fruit in autumn.

60 12 to 18 inches.....	4.00	35.00	-----
210 18 to 24 inches.....	5.50	50.00	-----
260 2 to 3 feet.....	7.00	65.00	-----

radicans erecta, Compact euonymus.

An improved more upright form of Euonymus radicans. Shiny dark green foliage. Evergreen. Should have some protection.

200 9 to 12 inches.....	4.00	35.00	-----
380 12 to 15 inches.....	5.50	50.00	450.00
400 15 to 18 inches.....	7.00	65.00	600.00

EUONYMUS—Continued**ORNAMENTAL SHRUBS—Continued****radicans pyramidalis, Upright Radicans (Sarcoxie Strain). 3-4 ft.**

Almost evergreen. Natural upright habit. Can be sheared to attain greater height. Hardy at Shenandoah, but may show some defoliation farther north.

		Per 10	Per 100	Per 1000
100	12 to 15 inches	\$ 7.00	\$ 65.00	\$ ----
620	15 to 18 inches	8.50	80.00	----
400	18 to 24 inches	11.00	100.00	----

yedoensis, Yeddo Euonymus. 10-12 ft.

Large shrub with masses of pink and orange, four lobed fruit.

110	18 to 24 inches	5.50	50.00	----
360	2 to 3 feet	7.00	65.00	----
390	3 to 4 feet	9.00	85.00	----

NEW CORLISS EUONYMUS—PATENTED

Here is something new! . . . the broadleaf, evergreen beauty of Euonymus vegetus foliage especially developed into four shrub forms. These perfectly hardy plants make up into four forms, as listed, without support or special training. They will, however, respond to shearing if a slightly altered shape is desired. Here is more than a new variation of a familiar plant . . . these forms of Euonymus, because of their hardiness, will make the broadleafed evergreen shrub available for landscaping use where the climate prohibits such items as Azaleas, boxwood and holly.

		10-24	25-249
		Each	Each
12 to 15 inches, bare-root (Retail: \$3.45 each)		\$ 2.05	\$ 1.95
15 to 18 inches, bare-root (Retail: \$4.20 each)		2.45	2.35
18 to 24 inches, bare-root (Retail: \$5.15 each)		3.05	2.95
2 to 2½ feet, bare-root (Retail: \$6.10 each)		3.60	3.50
	2-2½' 18-24" 15-18" 12-15"		
Emerald Charm	260 150 330 260		
Emerald Cushion	-- -- 360 420		
Emerald Leader	-- -- 110 280		
Emerald Pride	-- -- -- 380		

Euonymus EMERALD CHARM (Columnar)—Patent No. 1079

Exceptionally compact specimen for upright narrow shape. Suitable for a pillar shrub, hedge, or pyramid. Ultimate height four to five feet, spread about 18 inches. Both this and Trueshrub respond to shaping.

Euonymus EMERALD CUSHION (Dwarfshrub)—Patent No. 1112

As its name implies, Dwarf shrub is the shortest of the family, adaptable as a ground cover or facing-down shrub. Very slow-growing, reaching an ultimate height of 18 inches.

Euonymus EMERALD LEADER (Corlessi)—Patent No. 881

Distinct bushy erect habit of growth, with beautiful clusters of 7 to 10 bittersweet type berries in the fall. Neat, compact, uniform shrub with an ultimate height of 4 to 5 feet and spread of about 2½ feet.

Euonymus EMERALD PRIDE (Trueshrub)—Patent No. 1073

Neat, compact evergreen shrub of ovoid form, with an ultimate height of four feet and spread of about three and one half feet. Distinctly upright growth from one stem without support.

FORSYTHIA Farrand. 6-8 ft.

Spectacular new variety originating with the Arnold Arboretum. A vigorous grower developing into a large symmetrical plant, producing deep golden yellow flowers, often two inches in diameter with orange markings.

		Per 10	Per 100	Per 1000
200	12 to 18 inches	\$ 4.50	\$ 40.00	\$ ----
400	18 to 24 inches	5.50	50.00	----
500	2 to 3 feet	6.50	60.00	550.00
400	3 to 4 feet	8.00	75.00	700.00

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

fortunei, Fortune Forsythia. 10-12 ft.

Upright, arching branches. Bright yellow flowers early in April.

		Per 10	Per 100	Per 1000
400	12 to 18 inches	\$ 3.50	\$ 30.00	\$270.00
560	18 to 24 inches	5.00	45.00	400.00

intermedia spectabilis, Showy Border Forsythia. 8-10 ft.

Improved form of Intermedia. Rich golden yellow flowers.

500	9 to 12 inches	2.40	20.00	170.00
150	12 to 18 inches	3.50	30.00	-----
800	18 to 24 inches	5.00	45.00	400.00
1100	2 to 3 feet	6.00	55.00	500.00
500	2½ to 3 feet	7.00	65.00	600.00

Lynwood Gold. 5-7 ft.

New deep golden yellow Forsythia. Erect branches, excellent deep green foliage.

600	9 to 12 inches	2.40	20.00	170.00
1600	12 to 18 inches	3.50	30.00	270.00
2700	18 to 24 inches	5.00	45.00	400.00
350	2 to 3 feet	6.00	55.00	-----
300	2½ to 3 feet	7.00	65.00	600.00

Spring Glory

A new Forsythia that produces an abundance of attractive large pale yellow flowers completely covering the branches and making a brilliant and cheerful display for the gardens in the spring.

250	9 to 12 inches	2.40	20.00	-----
1100	12 to 18 inches	3.50	30.00	270.00
1200	18 to 24 inches	5.00	45.00	400.00
800	2 to 3 feet	6.00	55.00	500.00
460	2½ to 3 feet	7.00	65.00	600.00

suspensa, Weeping Forsythia. 6-8 ft.

Slender pendulous branches. Golden yellow flowers in April.

80	12 to 18 inches	4.00	35.00	-----
290	18 to 24 inches	5.50	50.00	-----
830	2 to 3 feet	6.50	60.00	550.00

HAMAMELIS, virginiana, Witchhazel. 12-15 ft.

Succeeds in moist places with partial shade. Yellow flowers late in autumn.

110	2 to 3 feet	8.00	75.00	-----
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HONEYSUCKLE, Lonicera**bella albida, White Belle Honeysuckle. 10-12 ft.**

Very hardy, upright, strong grower. White bloom, red fruit. Makes a splendid tall hedge.

150	12 to 18 inches	2.90	25.00	-----
700	18 to 24 inches	4.00	35.00	300.00
500	2 to 3 feet	5.00	45.00	400.00

compacta nana, Clavey's Compact Dwarf Honeysuckle. 5 ft.

A new hardy dwarf honeysuckle recently introduced. Small yellow flowers in May. Red berries.

430	12 to 18 inches	3.50	30.00	-----
260	2 to 3 feet	5.50	50.00	-----

fragrantissima, Winter Honeysuckle. 6-8 ft.

Fragrant white flowers March-April. Nearly Evergreen, semi-hardy.

700	9 to 12 inches	2.10	18.00	150.00
2100	12 to 18 inches	2.90	25.00	220.00
750	18 to 24 inches	4.50	40.00	350.00

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE—Continued

grandiflora rosea, Bride. 12-15 ft.

Flowers bright pink, April-May. One of the best pink upright Honeysuckles.
Hardy, strong, upright grower.

		Per 10	Per 100	Per 1000
350	12 to 18 inches	\$ 2.90	\$ 25.00	\$ -----
1300	18 to 24 inches	4.00	35.00	300.00
430	2 to 3 feet	5.00	45.00	400.00
25	3 to 4 feet	6.00	-----	-----

korolkowi floribunda, Blueleaf Honeysuckle. 8-10 ft.

Broad blueleaf Honeysuckle. Beautiful foliage, white flowers.

100	18 to 24 inches	5.50	50.00	-----
300	2 to 3 feet	7.00	65.00	-----

Pink Tatarian, tatarica rosea. 10-12 ft.

Hardy, vigorous grower. Pink flowers. April-May. Red fruit.

150	12 to 18 inches	2.90	25.00	-----
600	18 to 24 inches	4.00	35.00	300.00
500	2 to 3 feet	5.00	45.00	400.00

Red tatarian, tatarica rubra. 8-10 ft.

We are growing only a selected type of Red Tatarian Honeysuckle, very hardy, upright. Flowers April-May, rosy pink. Bright red fruit.

600	12 to 18 inches	2.90	25.00	220.00
700	18 to 24 inches	4.00	35.00	300.00
1100	2 to 3 feet	5.00	45.00	400.00
140	3 to 4 feet	6.00	55.00	-----

zabeli, Zabel Honeysuckle. 8-10 ft.

The true Zabel variety which is an improved strain of red tatarian Honeysuckle. Bright red in the bud, rosy-red when open.

800	12 to 18 inches	2.90	25.00	220.00
700	18 to 24 inches	4.00	35.00	300.00
1300	2 to 3 feet	5.00	45.00	400.00

HONEYSUCKLE (Also see Hedging)

HYDRANGEA arborescens grandiflora, Snowhill. 5-6 ft.

Available Spring Only.

Large, double white flowers June-July. Thrives in shady places.

500	12 to 18 inches	3.50	30.00	-----
400	18 to 24 inches	5.50	50.00	-----
800	2 to 3 feet	6.50	60.00	550.00
640	3 to 4 feet	8.00	75.00	700.00

BLUE HYDRANGEA

Large flowers. Blooms July and August. Only semi-hardy, needs winter protection. In order to get the blue color, one must mix in the soil about one tablespoon per plant, of aluminum sulphate.

		Per 10	Per 100
2 year, dormant plants		\$ 6.00	\$ 50.00
800	Blue Prince		
700	French Blue		
400	Domotoi (15¢ higher per plant)		
800	Gertrude Glahn		

paniculata grandiflora, Peegee Hydrangea. 6-8 ft.

A very hardy shrub with large trusses of showy double white flowers, blending into pink and bronze shades of autumn. July-October.

		Per 10	Per 100	Per 1000
500	12 to 18 inches	\$ 3.50	\$ 30.00	\$270.00
1300	18 to 24 inches	5.50	50.00	450.00
2100	2 to 3 feet	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

HYPERICUM aureum, Golden St. Johnswort. 4 ft.

Hardy shrub with bright yellow flowers. July-August.

	Per 10	Per 100	Per 1000
300 12 to 18 inches.....	\$ 4.00	\$ 35.00	\$ -----
400 18 to 24 inches.....	5.50	50.00	-----
120 2 to 3 feet.....	7.00	65.00	-----

Hidcote, New Dwarf Hypericum. 2 ft.

New Hardier, prostrate variety useful as facer plant or ground cover. Large waxy, golden yellow flowers practically all summer.

400 Medium (Tops cut back to 10 to 12 inches)...	4.50	40.00	-----
900 No. 1 (" " " " " " " ")...	5.50	50.00	-----

kalmianum.

Dense and bushy shrub 2-3 feet tall and 3 feet wide. Bright, golden-yellow flowers are produced all summer.

450 12 to 18 inches.....	4.00	35.00	-----
300 18 to 24 inches.....	5.50	50.00	-----

meserianum, Goldflower. 2 ft.

Attractive foliage. Attractive golden flowers 2½ inches in diameter. July-August.

800 Medium (Tops cut back to 10 to 12 inches)...	4.50	40.00	350.00
300 No. 1 (" " " " " " " ")...	5.50	50.00	450.00

ILEX verticillata, Winterberry. 6-8 ft.

Bright red berries which remain until midwinter.

200 18 to 24 inches.....	6.50	60.00	-----
400 2 to 3 feet.....	8.00	75.00	-----

KERRIA japonica, Single Kerria. 4 ft.

Beautiful single, yellow flowers. June-September. Needs winter protection in this latitude.

400 12 to 18 inches.....	4.50	40.00	350.00
90 2 to 3 feet.....	8.00	75.00	-----

LILAC Syringa. 12-15 ft.

French Lilacs, Named varieties.

Valuable, hardy hybrids. Popular on account of attractive flowers of various colors and foliage. Height to fifteen feet according to variety and soil.

2 to 3 feet.....	8.50	80.00	-----
3 to 4 feet.....	11.00	100.00	-----

s-Single

d-Double

	3-4'	2-3'
Alphonse Lavalle, d lilac	380	260
Belle de Nancy, d rose, white center	290	170
Chas. X, s red	110	600
Gloire de Moulins, s pink	10	130
Jacques Callot, s violet	20	620
Lucie Baltet, s pink	50	270
Mme. Casimer Perier, d white	60	520
Michel Buchner, s lilac	10	590
Mrs. W. E. Marshall, s reddish purple	520	200

ORNAMENTAL SHRUBS—Continued

LILAC—Continued

Common Purple, vulgaris. 12-18 ft.

Hardy, popular shrub. Blooms freely. Purple, single lilac flowers in large panicles. April-May.

	Per 10	Per 100	Per 1000
800 12 to 18 inches.....	\$ 3.50	\$ 30.00	\$270.00
1400 18 to 24 inches.....	4.50	40.00	350.00
1200 2 to 3 feet.....	5.50	50.00	450.00
120 3 to 4 feet.....	7.00	65.00	-----

Common White, vulgaris alba. 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

	Per 10	Per 100	Per 1000
100 12 to 18 inches.....	3.50	30.00	-----
600 18 to 24 inches.....	4.50	40.00	350.00
220 2 to 3 feet.....	5.50	50.00	-----
200 3 to 4 feet.....	7.00	65.00	-----

Chinese, rothomagensis. 8-10 ft.

Generally grown and sold for Persian lilac. Upright, vigorous grower, rich amaranth purple flowers. April-May. One of the best for general planting on account of its free blooming qualities and hardiness.

	Per 10	Per 100	Per 1000
300 9 to 12 inches.....	\$ 2.10	\$ 18.00	\$ -----
100 12 to 18 inches.....	3.50	30.00	-----
800 18 to 24 inches.....	5.00	45.00	400.00
2100 2 to 3 feet.....	6.00	55.00	500.00
1800 3 to 4 feet.....	7.00	65.00	600.00
400 4 to 5 feet.....	8.50	80.00	750.00

japonica, Tree Lilac, 18-20 ft.

Loose bunches creamy-white flowers; handsome foliage. June-July.

	Per 10	Per 100	Per 1000
160 18 to 24 inches.....	\$ 6.00	\$ 55.00	\$ -----
100 2 to 3 feet.....	8.00	75.00	-----

josikaea rosea, Hungarian Lilac. 8-10 ft.

Upright grower, attractive dark green leaves, mauve pink flowers.

	Per 10	Per 100	Per 1000
30 12 to 18 inches.....	4.00	-----	-----
70 18 to 24 inches.....	5.50	50.00	-----
60 2 to 3 feet.....	6.50	60.00	-----
40 3 to 4 feet.....	8.00	-----	-----

Persian Purple, see Lilac Rothomagensis.

We recommend use of Rothomagensis which is similar in habit of growth but produces superior flower and foliage.

Persian White, persica alba. 6-7 ft.

White flowering variety of Persian Lilac.

	Per 10	Per 100	Per 1000
80 12 to 18 inches.....	4.00	35.00	-----
800 2 to 3 feet.....	7.00	65.00	600.00
250 3 to 4 feet.....	9.00	85.00	-----

villosa. Late Lilac. 8-10 ft.

Bushy compact grower. Large, attractive leaves, pale pink flowers.

	Per 10	Per 100	Per 1000
300 18 to 24 inches.....	5.00	45.00	-----
820 2 to 3 feet.....	6.00	55.00	500.00
740 3 to 4 feet.....	7.50	70.00	650.00

PHILADELPHUS, Mockorange.**coronarius, Sweet Mockorange. 8-10 ft.**

A popular well known, hardy shrub. White, fragrant flowers in May-June.

	Per 10	Per 100	Per 1000
500 12 to 18 inches.....	3.50	30.00	270.00
1200 18 to 24 inches.....	4.50	40.00	350.00
200 2 to 3 feet.....	5.50	50.00	-----
160 3 to 4 feet.....	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

cymosus Atlas, Giant Mockorange. 8 ft.

Giant pure white blossoms the size of Dogwood blooms are carried in great profusion over the entire plant from the ground to tip. May-June.

		Per 10	Per 100	Per 1000
50	12 to 18 inches	\$ 5.00	\$ 45.00	\$ ----
380	2 to 3 feet	6.50	60.00	----
340	3 to 4 feet	8.00	75.00	----

PHILADELPHUS FROSTY MORN

Plant Patent No. 1174

Dwarf Mockorange with ultimate height of 40 inches. Double fragrant pure-white flowers.

Wholesale Prices				Suggested Retail Prices	
		Per 10	Per 100	Per 1000	
100	9 to 12 inches	\$ 4.50	\$ 40.00	\$ ----	Each Dozen
200	12 to 15 inches	5.00	45.00	----	1.10 11.00
600	15 to 18 inches	6.00	55.00	----	1.25 12.50

lemoninei Belle Etoile. 6 ft.

Single, fragrant, pure white flowers having a slight purple tinge deep in throat when first open. Flowers 2 to 2½ inches across.

		Per 10	Per 100	Per 1000
50	18 to 24 inches	\$ 5.50	\$ 50.00	\$ ----
160	2 to 3 feet	7.00	65.00	----
80	3 to 4 feet	8.50	80.00	----

lemoninei, Lemonine Mockorange. 4-5 ft.

Semi-dwarf with attractive foliage, producing dense racemes of small fragrant white flowers.

100	2 to 3 feet	7.00	65.00	----
80	3 to 4 feet	8.50	----	----

lemoninei Enchantment. 7-8 ft.

Double white flowers in thick panicles similar to Bouquet Blanc.

120	12 to 18 inches	4.50	40.00	----
300	18 to 24 inches	5.50	50.00	----
400	2 to 3 feet	7.00	65.00	----

Minnesota Snowflake.

The double, white fragrant flowers blooms profusely. Attractive shrub with good foliage.

200	12 to 18 inches	4.50	40.00	----
300	18 to 24 inches	5.50	50.00	----

purpureo-maculatus, *amalthae*. 5-6 ft.

Outstanding Philadelphia with large single white flowers with pink center.

200	18 to 24 inches	5.50	50.00	----
380	2 to 3 feet	6.50	60.00	----
300	3 to 4 feet	8.50	80.00	----

virginalls, Virginal Mockorange. 7-8 ft.

Medium grower. Loaded down with beautiful fragrant semi-double flowers over a long season beginning in May.

350	12 to 18 inches	3.20	28.00	250.00
2400	18 to 24 inches	5.00	45.00	400.00
2100	2 to 3 feet	6.00	55.00	500.00

PHILADELPHUS—Continued**ORNAMENTAL SHRUBS—Continued****virginalis albatre. 5-6 ft.**

More compact grower than Virginalis. Semi-double blooms in May and June.

		Per 10	Per 100	Per 1000
150	18 to 24 inches.....	\$ 5.50	\$ 50.00	\$ -----
460	2 to 3 feet.....	7.00	65.00	-----
80	3 to 4 feet.....	8.50	80.00	-----

virginalis Glacier, flora-plena. 6 ft.

Double white flowers, sweet scented. Hardy semi-dwarf, symmetrical and compact shrub.

250	12 to 18 inches.....	4.50	35.00	-----
260	18 to 24 inches.....	5.50	50.00	-----
70	3 to 4 feet.....	8.50	80.00	-----

PHYSOCARPUS opulifolius, Common Ninebark. 8-10 ft.

Very hardy. White flowers in May-June, followed by attractive brownish-red pod.

80	12 to 18 inches.....	3.50	30.00	-----
260	18 to 24 inches.....	4.50	40.00	-----
600	2 to 3 feet.....	5.50	50.00	450.00
140	3 to 4 feet.....	6.50	60.00	-----

Golden Ninebark, opulifolius luteus (aureus). 8-10 ft.

Golden leaved variety producing white flowers in May-June.

100	12 to 18 inches.....	3.50	30.00	-----
260	18 to 24 inches.....	4.50	40.00	-----
630	2 to 3 feet.....	5.50	50.00	450.00

opulifolius nana, Dwarf Ninebark. 4-5 ft.

Dwarf form, dense grower. Very attractive foliage and flowers. May-June. Followed by numerous small red pods. A valuable, hardy, low growing shrub.

900	2 to 3 feet.....	5.50	50.00	450.00
210	3 to 4 feet.....	6.50	60.00	-----

PRIVET — Ligustrum**Amoor North, amurense. 12-15 ft.**

Used extensively. Valuable, hardy, hedge plant with rich attractive foliage.

		Per 10	Per 100	Per 1000
3200	12 to 18 inches, 3 canes and up.....	\$ -----	\$ 14.00	\$120.00
6000	18 to 24 inches, 3 canes and up.....		16.50	140.00
5000	2 to 3 feet, 4 canes and up.....		21.00	180.00
550	3 to 4 feet, 4 canes.....		24.00	220.00

California, ovalifolium. 12-15 ft.

An attractive, popular hedge plant where hardy.

300	2 to 3 feet, 4 canes and up.....		21.00	180.00
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ORNAMENTAL SHRUBS—Continued

PRIVET—Continued

densifolia nana. 6 ft.

Very handsome dwarf evergreen shrub, but in colder climates often losing the leaves in fall.

	Per 10	Per 100	Per 1000
140 9 to 12 inches.....	\$ 3.50	\$ 30.00	\$ -----
80 12 to 15 inches.....	4.50	40.00	-----
80 15 to 18 inches.....	5.50	50.00	-----

ibota vicari, Hardy Golden Ibota Privet. 3-4 ft.

Hardy privet that carries golden-yellow leaves, providing a wealth of interesting contrasts from early spring until late fall. Develops a neat compact shrub that can be trimmed into any shape. Suitable for use as an individual shrub or for hedging.

300 9 to 12 inches.....	2.90	25.00	-----
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Ibollum, Hardy California. 8-10 ft.

Upright, vigorous with foliage similar to California but much hardier.

600 3 to 4 feet, 4 canes and up.....	-----	24.00	220.00
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Lodense. 2½ ft.

Very compact, dwarf form.

3100 9 to 12 inches.....	2.00	17.00	-----
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Regel, regelianum. 6-8 ft.

Low growing dense shrub with horizontal, spreading branches. Fine, hardy hedge plant. Grown from cuttings.

300 2½ to 3 feet.....	6.50	60.00	-----
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vulgare, European Privet. 8-10 ft.

A hardy vigorous strain of European Privet carrying dark green foliage, hanging on late in autumn.

4000 9 to 12 inches, branched.....	-----	14.00	125.00
4000 12 to 18 inches, 3 canes and up.....	-----	16.50	140.00
3900 18 to 24 inches, 3 canes and up.....	-----	19.00	160.00
4000 2 to 3 feet, 4 canes and up.....	-----	22.50	200.00

PRUNUS, Ornamental Plums. (See Deciduous Trees).

RHODOTYPOS kerrioides, Jetbead (White Kerria). 4-5 ft.

Distinct shrub. Bright green foliage. Single white flowers, April-May. Black shiny fruit in autumn and winter.

150 12 to 18 inches.....	4.50	40.00	-----
440 18 to 24 inches.....	6.00	55.00	500.00
780 2 to 3 feet.....	7.50	70.00	650.00
40 3 to 4 feet.....	9.00	-----	-----

RHUS canadensis (aromatica). Fragrant Sumac. 5-6 ft.

Aromatic shrub. Small yellowish flowers April-May, followed by red berries.

375 9 to 12 inches.....	2.90	25.00	-----
150 12 to 18 inches.....	4.50	40.00	-----
130 18 to 24 inches.....	5.50	50.00	-----
110 3 to 4 feet.....	8.00	75.00	-----
130 4 to 5 feet.....	9.00	85.00	-----

cotinus (Purple Fringe). 10-15 ft.

Rapid grower producing masses of filmy, smoky panicles of flowers. July-August, making a fine specimen.

700 12 to 18 inches.....	4.50	40.00	350.00
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ORNAMENTAL SHRUBS—Continued

RHUS—Continued

cotinus rubrifolia, Red Fringe. 6-8 ft.

Reddish-bronze leaves that are brighter with the new growth. Reddish-purple masses of filmy panicles of flowers.

	Per 10	Per 100	Per 1000
120 12 to 18 inches.....	\$ 7.00	\$ 65.00	\$ -----
300 18 to 24 inches.....	10.00	90.00	-----
300 2 to 3 feet.....	14.00	125.00	-----

cotinus, Royal Purple. 6-8 ft.

Royal Purple keeps its rich dark purple reddish colored foliage from spring to late fall. Bloom is rich reddish color.

100 12 to 18 inches.....	8.00	75.00	-----
170 18 to 24 inches.....	11.00	100.00	-----
220 2 to 3 feet.....	16.50	150.00	-----

glabra, Smooth Sumac. 6-10 ft.

Of dwarfish habit, producing bunches of crimson berries. Aug.-Sept.

100 9 to 12 inches.....	1.40	12.00	-----
150 12 to 18 inches.....	2.40	20.00	-----
380 18 to 24 inches.....	3.50	30.00	-----
290 2 to 3 feet.....	4.50	40.00	-----

RIBES alpinum, Alpine Currant. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small, greenish flowers. April-May. Scarlet fruit.

300 12 to 15 inches.....	4.50	40.00	-----
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ROSE ACACIA, Robinia hispida, (Grafted Stock). 6-8 ft.

Branches covered with rosy pink, attractive flowers, April-May.

500 12 to 18 inches.....	2.90	25.00	-----
650 18 to 24 inches.....	4.50	40.00	-----
660 2 to 3 feet.....	5.50	50.00	-----
20 3 to 4 feet.....	7.00	-----	-----

SALIX purpurea, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

1600 9 to 12 inches.....	1.80	15.00	120.00
500 12 to 15 inches.....	2.60	22.50	200.00
1200 15 to 18 inches.....	3.20	28.00	250.00
600 18 to 24 inches.....	4.00	35.00	300.00
1400 2 to 2½ feet.....	4.50	40.00	350.00
170 2½ to 3 feet.....	5.50	50.00	-----

Pussy. Salix discolor. 20-25 ft.

Popular Willow on account of catkins in March-April before leaves.

160 12 to 18 inches.....	2.10	18.00	150.00
410 18 to 24 inches.....	2.90	25.00	220.00
600 2 to 3 feet.....	4.40	38.50	350.00
800 3 to 4 feet.....	6.00	55.00	500.00
370 4 to 5 feet.....	8.50	80.00	750.00

Pussy, French Pink. 15-20 ft.

Similar to the common Pussy Willow but with silvery-pink catkins 1-2 inches long.

160 12 to 18 inches.....	3.50	30.00	-----
300 18 to 24 inches.....	4.50	40.00	-----

SNOWBALL. (See Viburnum).**SORBARIA sorbifolia, Ural False Spirea. 5-6 ft.**

Leaves out very early in the spring, showing very attractive foliage, followed with large, fluffy hands of white flowers. June-July.

125 9 to 12 inches.....	3.50	30.00	-----
50 12 to 18 inches.....	4.00	35.00	-----
160 18 to 24 inches.....	5.00	45.00	-----
50 2 to 3 feet.....	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

SPIREA Anthony Waterer. 3-4 ft.

A valuable dwarf shrub, bright red flowers, June-September.

		Per 10	Per 100	Per 1000
1400	9 to 12 inches	\$ 2.90	\$ 25.00	\$220.00
1000	12 to 15 inches	4.20	35.00	320.00
1200	15 to 18 inches	5.00	45.00	400.00
600	18 to 24 inches	6.00	55.00	500.00
50	2 to 2½ feet	7.00		

arguta, Garland Spirea. 5-6 ft.

Upright hardy shrub, small light green leaves covered with single white flowers. April-May. There are a number of hybrids varying in habit of growth.

100	18 to 24 inches	4.50	40.00	
760	2 to 3 feet	5.50	50.00	450.00
370	3 to 4 feet	7.00	65.00	

Billiard Spirea, billiardii. 5-6 ft.

Bright pink flowers in spikes. July-September.

275	12 to 18 inches	3.20	28.00	
960	18 to 24 inches	4.50	40.00	350.00
750	2 to 3 feet	5.50	50.00	450.00
150	3 to 4 feet	7.00	65.00	

Blue Mist, Spirea (See Caryopteris)**Frobel Spirea. 4 ft.**

Vigorous, spreading grower. Bright pink flowers. May-June. Purplish tips in spring. Beautiful autumn colors. Very hardy. Used extensively.

1200	9 to 12 inches	2.90	25.00	220.00
2100	12 to 18 inches	4.00	35.00	300.00
300	18 to 24 inches	4.50	40.00	
1600	2 to 2½ feet	5.50	50.00	450.00
900	2½ to 3 feet	6.50	60.00	550.00

japonica coccinea. 3-4 ft.

Similar in growth and habit to Anthony Waterer Spirea but much deeper and richer coloring.

120	2 to 2½ feet	9.00	85.00	
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japonica ovalifolia, Japanese White (Callosa Alba). 3 ft.

Dwarf grower, dark green foliage, free bloomer, white flowers, June-September.

600	9 to 12 inches	2.90	25.00	
200	15 to 18 inches	6.50	60.00	
400	18 to 24 inches	8.00	75.00	

mongolica, Snowbank Spirea. 4-5 ft.

Earliest flowering of the Spireas, in full bloom along with the Forsythias. Gracefully slender but erect shrub.

175	9 to 12 inches	2.40	20.00	
400	12 to 18 inches	3.50	30.00	
400	18 to 24 inches	4.50	40.00	

opulifolius, Ninebark. (See Physocarpus.)**prunifolia, Double Bridalwreath. 5-6 ft.**

Small plum-like, double white flowers blooming profusely. Hardy.

250	9 to 12 inches	2.40	20.00	
900	12 to 18 inches	3.20	28.00	250.00
600	18 to 24 inches	4.50	40.00	350.00
400	2 to 3 feet	5.50	50.00	450.00

Thunbergi, Thunberg Spirea. 4-5 ft.

Low growing shrub with slender spreading branches. Feathery bright green foliage. Snow-white flowers. April.

600	18 to 24 inches	4.50	40.00	350.00
800	2 to 2½ feet	5.50	50.00	450.00
250	2½ to 3 feet	6.50	60.00	

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Vanhoutte, *Spirea van houttei*. 8-10 ft.

Well known, popular shrub. Graceful habit of growth. Sometimes called Bridalwreath. Pure white flowers, April-May. Blooms profusely.

	Per 10	Per 100	Per 1000
400 18 to 24 inches.....	\$ 3.50	\$ 32.00	\$ -----
4600 2 to 3 feet.....	4.50	40.00	350.00
2100 3 to 4 feet.....	5.50	50.00	450.00

SYMPHORICARPOS, Snowberry

alba, (racemosus) Common Snowberry. 6-7 ft.

Attractive green foliage, pink flowers, June-July. Large white fruit in clusters in autumn.

600 2 to 3 feet.....	4.00	35.00	320.00
500 3 to 4 feet.....	5.50	50.00	450.00

chenaulti, Improved coralberry. 6-8 ft.

New, very small leaves, graceful arching branches; pink flowers, red fruit.

300 18 to 24 inches.....	3.20	28.00	-----
550 2 to 3 feet.....	4.00	35.00	320.00
490 3 to 4 feet.....	5.00	45.00	400.00

vulgaris, (orbiculatus) Coralberry (Red Snowberry). 4-5 ft.

Hardy native shrub. Succeeds everywhere. Coral red berries in autumn and winter.

460 18 to 24 inches.....	3.20	28.00	250.00
1300 2 to 3 feet.....	4.00	35.00	320.00
190 3 to 4 feet.....	5.50	50.00	-----

SUMAC. (See *Rhus*)TAMARIX, *hispida*, Kashgar Tamarix. 15-20 ft.

Feathery silver foliage. Bright pink flowers. June-July. Remains in bloom longer than other varieties. One of the best. Hardy.

200 3 to 4 feet.....	6.50	60.00	-----
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VIBURNUM *carlesi*, Koreanspice *Viburnum*. 5 ft.

Pale rose-white, fragrant flowers, followed by black berries. A low growing, compact shrub, with attractive reddish colored leaves in fall.

100 9 to 12 inches.....	8.00	75.00	-----
270 12 to 15 inches.....	11.00	100.00	-----
290 15 to 18 inches.....	14.00	125.00	-----
240 18 to 24 inches.....	16.50	150.00	-----
170 2 to 3 feet.....	19.00	175.00	-----

dentatum, Arrowwood. 10-12 ft.

Attractive foliage, white flowers, April-May, followed by bluish-black fruit.

140 2 to 3 feet.....	6.00	55.00	-----
200 3 to 4 feet.....	8.00	75.00	-----

lantana, Wayfaring tree. 10-15 ft.

Upright. Attractive deep green leaves, single white flowers, May. Bright red fruit changing to black.

280 18 to 24 inches.....	5.00	45.00	-----
640 2 to 3 feet.....	6.00	55.00	500.00
260 3 to 4 feet.....	8.00	75.00	-----
70 4 to 5 feet.....	11.00	-----	-----

lentago, Nannyberry. 18-20 ft.

Large growing upright shrub or small tree. Single white flowers in May. Shining green leaves. Large blue-black fruit.

50 12 to 18 inches.....	3.50	-----	-----
100 18 to 24 inches.....	5.00	45.00	-----
390 2 to 3 feet.....	6.00	55.00	500.00
820 3 to 4 feet.....	8.00	75.00	700.00
140 4 to 5 feet.....	11.00	100.00	-----

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

molle, Kentucky Viburnum. 8-10 ft.

Similar to Dentatum. Of slower growth and more attractive foliage. Single white flowers. April-May. Blue-black fruit.

		Per 10	Per 100	Per 1000
100	18 to 24 inches	\$ 5.00	\$ 45.00	\$ -----
420	2 to 3 feet	6.00	55.00	500.00
280	3 to 4 feet	8.00	75.00	-----

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

120	12 to 18 inches	3.50	30.00	-----
410	18 to 24 inches	5.50	50.00	450.00
1400	2 to 3 feet	6.50	60.00	550.00
450	3 to 4 feet	8.00	75.00	-----

opulus nana, Dwarf Cranberrybush. 18-24 inches.

200	6 to 9 inches, Field Grown Bushy Plants	6.50	60.00	-----
200	9 to 12 inches, " " " "	8.50	80.00	-----

opulus sterile, Common Snowball. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers. April-May.

1700	18 to 24 inches	5.50	50.00	450.00
1600	2 to 3 feet	7.00	65.00	600.00

trilobum, (americanum) American Cranberrybush. 8-12 ft.

Handsome shrub, single white flowers in April-May. Bright scarlet berries hanging until spring. Edible.

250	9 to 12 inches	2.40	20.00	-----
260	12 to 18 inches	3.50	30.00	-----
200	18 to 24 inches	5.50	50.00	-----
60	2 to 3 feet	7.00	65.00	-----

WEIGELA Bristol Ruby

Improved Weigela Eva Rathke hardier and more thrifty. Large soft ruby-red flowers, shading to garnet crimson.

275	12 to 18 inches	4.00	35.00	-----
320	2 to 3 feet	6.50	60.00	-----
160	3 to 4 feet	8.50	80.00	-----

Eva Rathke, Red Flowered Weigela. 4-5 ft.

Blooms profusely, producing brilliant crimson flowers. May-June.

1200	12 to 18 inches	3.70	32.00	300.00
800	18 to 24 inches	5.00	45.00	400.00
1400	2 to 3 feet	6.00	55.00	500.00

Dwarf Variegated, nana variegata. 5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers. May-June.

50	12 to 18 inches	3.50	30.00	-----
400	18 to 24 inches	5.50	50.00	450.00
800	2 to 3 feet	7.00	65.00	600.00
90	3 to 4 feet	8.50	80.00	-----

ORNAMENTAL SHRUBS—Continued**WEIGELA—Continued****rosea, (florida) Pink Weigela. 6-8 ft.**

Popular shrub with beautiful showy pink flowers. May-June.

		Per 10	Per 100	Per 1000
200	12 to 18 inches	\$ 3.20	\$ 28.00	\$ -----
1100	2 to 3 feet	5.50	50.00	450.00
900	3 to 4 feet	7.00	65.00	600.00

vaniceki, Vanicek Red Flowered Weigella. 5-6 ft.

Profuse bloomer, producing bright crimson flowers. Hardier than most varieties.

200	2 to 3 feet	6.50	60.00	-----
180	3 to 4 feet	8.50	80.00	-----

HEDGING

Lighter stock than regular grade of shrubs; good hedging grades.

BARBERRY, Berberis thunbergi, Japanese Barberry.

		Per 10	Per 100	Per 1000
4000	9 to 12 inches, 2 year seedlings, branched	\$ -----	\$ 8.50	\$ 75.00
12000	12 to 18 inches, 2 year seedlings, branched	-----	11.00	100.00
1000	18 to 24 inches, 2 year seedlings, branched	-----	16.00	140.00
1100	12 to 15 in., transplanted, 2 yr. branched, bushy	-----	24.00	220.00

ELM CHINESE. (See Deciduous Tree Seedlings).**MULBERRY, Russian, Morus tatarica.**

7400	2 to 3 feet	-----	4.50	40.00
1100	3 to 4 feet	-----	7.00	60.00

PRIVET. (See Shrubs).**RUSSIAN OLIVE, Elaeagnus angustifolia.**

3400	6 to 12 inches	-----	2.60	22.00
6000	2 to 3 feet	-----	8.00	70.00

SPIREA Vanhoutte.

2300	6 to 12 inches	-----	6.00	55.00
3000	10 to 15 inches	-----	8.50	75.00

VINES

Tied 2-year Medium, 25; 2-year No. 1, 10; 3-year, 10 per bundle.

AMPELOPSIS, Boston Ivy, Parthenocissus tricuspidata (veitchi). 30-40 ft.

Beautiful foliage in spring and summer changing to crimson-scarlet in autumn. Clings to brick, stone or concrete walls. Succeeds best in this latitude on north or east side.

		Per 10	Per 100	Per 1000
1500	2 year Medium	\$ 4.50	\$ 40.00	\$350.00
2400	2 year No. 1	6.50	60.00	550.00
900	3 year No. 1	7.50	70.00	650.00

Engelmann Creeper, engelmanni. 30-40 ft.

A good hardy, clinging vine with smaller leaves than Virginia Creeper. More brilliant coloring in autumn.

100	2 year Medium	3.20	28.00	-----
70	3 year No. 1	4.50	40.00	-----

VINES—Continued

AMPELOPSIS—Continued

Virginia Creeper, quinquefolia. 30-40 ft.

A rapid growing, hardy vine suitable for covering trellises, stone walls and verandas.

			Per 10	Per 100	Per 1000
100	2 year	Medium	\$ 3.20	\$ 28.00	\$ -----
900	2 year	No. 1	4.00	35.00	320.00
270	3 year	No. 1	4.50	40.00	-----

CELASTRUS, orbiculatus, Oriental Bittersweet. 30-40 ft.

Rapid growing, twining vine. Bright orange berries with scarlet seeds in autumn, hanging on late.

250	2 year	Medium	3.20	28.00	250.00
1600	2 year	No. 1	4.00	35.00	320.00
430	3 year	No. 1	4.50	40.00	-----

scandens, American Bittersweet. 20-25 ft.

Hardy vine producing bunches of red berries retaining their color a long period and popular for cutting and hanging in the home.

1050	2 year	Medium	3.20	28.00	250.00
600	2 year	No. 1	4.00	35.00	320.00

CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids on account of the beautiful purple, red and white flowers. 2¼ inch, DORMANT, pot plants

800	Comtesse de Bouchard, Pink	1100	Mme. Baron Veillard, Lilac-Rose
400	Ernest Markham, Scarlet	1600	Mme. E. Andre, red



A truly large-flowering Red Clematis of the Jackmanni type. More and larger blooms on vine of unusual vigor. A "Leader" for catalogues, agents and all other outlets.

		Per 10	Per 100
600	2¼ inch, DORMANT, pot plants	\$ 7.00	\$ 65.00

paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in Sept.

			Per 10	Per 100	Per 1000
700	2 year	Medium	\$ 4.50	\$ 40.00	\$350.00
600	2 year	No. 1	5.50	50.00	450.00
200	3 year	No. 1	6.50	60.00	

EUONYMUS radicans, (fortunei) Wintercreeper. 5-6 ft.

Evergreen, shining deep green foliage. Upright habit. Needs some protection.

370	2 year	Medium	5.50	50.00	450.00
840	2 year	No. 1	6.50	60.00	550.00

VINES—Continued

EUONYMUS—Continued

radicans vegetus, Bigleaf Wintercreeper. 3-6 ft.

Evergreen, dark green, thick leaves, producing bright scarlet berries.

			Per 10	Per 100	Per 1000
600	2 year	Medium.....	\$ 6.00	\$ 55.00	\$500.00
1400	2 year	No. 1	7.00	65.00	600.00

HEDERA helix, English Ivy.

Semi-hardy evergreen vine. Best in shady locations. Needs protection.

2100	2½ inch	pot plants	1.80	15.00	-----
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Rochester Ivy, hедера helix Rochester

Uniform growth, 6 inches high, with leaves by the hundred that completely obscure the soil. A bright, shiny emerald green cushion. Hardy.

900	2¼ inch	pot plants	2.90	25.00	-----
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Sweetheart Ivy, hедера helix 238 Street

Heart-shaped leaves. T. H. Everett, New York, Botanical Gardens, reports absolutely hardy.

400	2¼ inch	pot plants	2.90	25.00	-----
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Wilson Ivy, hедера helix Wilson

This variety has withstood 26° below zero temperatures. Dr. L. C. Chadwich, Ohio State University, reports it survived winter 1958-1959 virtually untouched.

700	2¼ inch	pot plants	2.90	25.00	-----
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HONEYSUCKLE, *Lonicera***Gold Flame. 15 ft.**

Everblooming trumpet-shaped flowers. Fragrant, bright red outside, yellow inside. Hardy.

600	2 year	Medium.....	4.00	35.00	300.00
900	2 year	No. 1	4.50	40.00	350.00

Hall's Japan, japonica halleana. 20-25 ft.

Rapid growing vine with beautiful foliage. Delightfully fragrant, creamy white flowers. Makes a fine hedge or covering for caves or unsightly places.

800	2 year	Medium	2.10	18.00	160.00
2100	2 year	No. 1	2.60	22.50	200.00

heckrottii, (Summer King). 15 ft.

Large, fragrant, flame-red trumpets lined with gold are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest free. Hardy.

900	2 year	Medium.....	4.00	35.00	-----
1100	2 year	No. 1	4.50	40.00	350.00

Scarlet Trumpet Honeysuckle, sempervirens. 20-30 ft.

Upright grower. Dark green foliage. Long tubular scarlet flowers.

350	2 year	Medium.....	3.20	28.00	-----
1600	2 year	No. 1	4.00	35.00	320.00
600	3 year	No. 1	4.50	40.00	-----

POLYGONUM *Reynoutria*

Light green foliage, turns brilliant in fall. One of the finest ground covers. Thrives best in full sunlight; hovers 4 to 12 inches from soil. Blooms September first; fragrant, airy pink sprays similar to Silver Lace Vine. Deep red buds, foliage brilliant red in fall.

200	2 year	No. 1	5.00	45.00	-----
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WISTERIA, *American frutescens. 20-25 ft.*

Tall, vigorous climber. Lilac purple flowers. June-July.

1400	2 year	Medium, grown from blooming wood..	3.20	28.00	-----
1600	2 year	No. 1, grown from blooming wood..	4.00	35.00	-----
1100	3 year	No. 1, grown from blooming wood..	4.50	40.00	-----

floribunda Blue, (multijuga) Long Cluster Wisteria. 40-50 ft.

Strong grower, deep blue. May. Extra long clusters, sometimes two feet long.

240	2 year	Medium.....	4.50	40.00	-----
1290	2 year	No. 1	5.50	50.00	-----
70	3 year	No. 1	6.50	60.00	-----

EVERGREENS

Prices are for Evergreens Securely Balled and Burlapped.

Our Evergreens have all been three times x x x transplanted, having been grown with plenty of room for development. Have been properly sheared and pruned for producing compact, symmetrical specimens.

Evergreens selected and tagged by customers in the nursery field will be subject to a 20% additional charge.

Height specified after variety indicates height tree should obtain at maturity.

WE CANNOT ASSUME RESPONSIBILITY FOR THE SUCCESSFUL TRANS-PLANTING OF EVERGREENS, AS WEATHER CONDITIONS, METHOD OF HANDLING AND CARE GOVERN RESULTS SECURED AND ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CON-DITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES.

ARBOR VITAE, Thuja

OCCIDENTALIS GLOBOSA, Globe Arbor Vitae. 2½-3 ft.

Naturally globe shaped. Useful in formal work.

	Per 10	Per 100
160 12 x 12 inches.....	\$17.50	\$150.00
180 15 x 15 inches.....	22.50	200.00
100 18 x 18 inches.....	27.50	250.00

OCCIDENTALIS PYRAMIDALIS, American Pyramidal. 20-30 ft.

Broad at the base, tapering to the top. Splendid for accents or formal plantings. Bright green foliage all year.

200 18 to 24 inches.....	25.00	225.00
200 2 to 2½ feet.....	30.00	275.00
400 2½ to 3 feet.....	35.00	325.00
140 3 to 3½ feet.....	40.00	375.00

IOWA STATE COLLEGE INTRODUCTIONS

The following varieties were introduced by the late Professor T. J. Maney of Iowa State College. These varieties have been tested and proven of superior quality for hardiness. We recommend them highly.

JUNIPER, Juniperus

CHINENSIS IOWA

This is a semi-upright variety growing in an irregular form. Very useful where an intermediate growing variety is required.

	Per 10	Per 100
110 15 to 18 inches.....	\$33.00	\$300.00
260 18 to 24 inches.....	37.50	350.00
140 2 to 2½ feet.....	45.00	425.00

CHINENSIS MANEYI

A valuable hardy prostrate variety that can be used in shaded areas where other varieties do not do well.

100 15 to 18 inches.....	33.00	300.00
380 18 to 24 inches.....	37.50	350.00
260 2 to 2½ feet.....	45.00	425.00
90 2½ to 3 feet.....	50.00	475.00

CHINENSIS PFITZERIANA, Pfitzer Juniper. 5-6 ft.

Handsome gray green foliage. A valuable hardy prostrate variety succeeding almost everywhere.

	Per 10	Per 100
900 18 to 24 inches.....	\$33.00	\$300.00
1800 2 to 2½ feet.....	37.50	350.00
1400 2½ to 3 feet.....	42.50	400.00
320 3 to 3½ feet.....	50.00	475.00
240 2 to 2½ feet, Staked. Upright.....	42.50	400.00
370 2½ to 3 feet, Staked. Upright.....	52.50	500.00

EVERGREENS—Continued

JUNIPER—Continued

CHINENSIS PFITZERIANA AUREA. Golden Pfitzer.

Golden type of Pfitzer with bright yellow foliage on new growth.

	Per 10	Per 100
700 18 to 24 inches.....	\$33.00	\$300.00
200 2 to 2½ feet.....	37.50	350.00
160 2½ to 3 feet.....	42.50	400.00
30 3 to 3½ feet.....	50.00	.....

CHINENSIS PFITZERIANA COMPACTA

Compact form of the popular Pfitzer.

400 15 to 18 inches.....	33.00	300.00
600 18 to 24 inches.....	37.50	350.00
800 2 to 2½ feet.....	42.50	400.00
300 2½ to 3 feet.....	47.50	450.00

CHINENSIS PFITZERIANA HETZII GLAUCA

Blue type of Pfitzer. A new prostrate of merit.

300 15 to 18 inches.....	27.50	250.00
600 18 to 24 inches.....	33.00	300.00
1400 2 to 2½ feet.....	37.50	350.00
600 2½ to 3 feet.....	42.50	400.00
160 3 to 3½ feet.....	50.00	475.00

COMMUNIS DEPRESSA PLUMOSA, Andorra Juniper. 2 ft.

A low growing spreading dwarf Evergreen. Beautiful silvery green in spring turning to rich purple-bronze in Autumn.

800 18 to 24 inches.....	33.00	300.00
200 2½ to 3 feet.....	42.50	400.00
300 3 to 3½ feet.....	47.50	450.00

COMMUNIS HIBERNICA, Irish Juniper. 7-8 ft.

Foliage glaucous green. An old, well known popular variety.

300 18 to 24 inches.....	17.50	150.00
400 2 to 3 feet.....	25.00	225.00

EXCELSA STRICTA, Spiny Greek Juniper. 4-5 ft.

Grows rather broad, tapering to a pointed terminal top. Gray-green foliage.

40 2½ to 3 feet.....	30.00	.....
20 3 to 3½ feet.....	37.50	.....
40 3½ to 4 feet.....	42.50	.....

SABINA, Savins Juniper. 3-4 ft.

Spreading form with slender branches and dark green leaves. Excellent for foundation work and underplanting.

400 15 to 18 inches.....	27.50	250.00
600 18 to 24 inches.....	33.00	300.00
200 2 to 2½ feet.....	37.50	350.00
100 2½ to 3 feet.....	42.50	400.00

EVERGREENS—Continued**JUNIPER—Continued****SABINA VON EHROH, Vonehron Juniper.**

A horticultural variety of Savins Juniper of extremely rapid growth. Heavily clothed branches with dark green needles. Bears both juvenile and adult foliage.

	Per 10	Per 100
250 18 to 24 inches.....	\$33.00	\$300.00
100 2 to 2½ feet.....	37.50	350.00
260 2½ to 3 feet.....	42.50	400.00
130 3 to 3½ feet.....	47.50	450.00
90 24 x 24 inch, Sheared Globe.....	42.50	400.00
70 30 x 30 inch, Sheared Globe.....	47.50	450.00

SCOPULORUM ADMIRAL (J-8-A). 20-20 ft.

Bushy, broad, pyramidal habit of growth. Plum-like gray-green foliage.

160 2½ to 3 feet.....	47.50	450.00
60 3 to 3½ feet.....	55.00	525.00

SCOPULORUM COMMANDO (J-4-A). 20-30 ft.

Another Mount Arbor introduction of formal pyramidal habit of growth. Dark green foliage which requires very little shearing.

60 2½ to 3 feet.....	47.50	450.00
100 3½ to 4 feet.....	62.50	600.00

SCOPULORUM PYRAMIDAL GREEN (J-2-A). 20-30 ft.

Foliage similar to virginiana schottii. Upright pyramidal habit of growth. Heavy foliage.

160 2½ to 3 feet.....	47.50	450.00
40 3 to 3½ feet.....	55.00	525.00
60 3½ to 4 feet.....	62.50	600.00

SCOPULORUM SPRINGTIME (J-7-A). 20-30 ft.

A Mount Arbor introduction. This is one of the finest dark green scopulorums introduced. Pyramidal habit of growth.

80 2½ to 3 feet.....	47.50	450.00
70 3 to 3½ feet.....	55.00	525.00
80 3½ to 4 feet.....	62.50	600.00

SCOPULORUM SILVER BEAUTY

Pyramidal habit of growth, full at base, with greenish silver foliage, more silver on tips of branches.

120 2 to 2½ feet.....	42.50	400.00
100 2½ to 3 feet.....	47.50	450.00

SCOPULORUM WELCHI

Grafted columnaris type scopulorum with greenish silver foliage. Pyramidal habit of growth retained without shearing.

60 2 to 2½ feet.....	42.50	400.00
140 2½ to 3 feet.....	47.50	450.00
100 3 to 3½ feet.....	55.00	525.00

EVERGREENS—Continued**JUNIPER—Continued****VIRGINALIS, Hillbush Juniper. 4-5 ft.**

Attractive dark green foliage. Slow growing upright branches. Vase shaped.
Can be sheared into attractive globe form.

	Per 10	Per 100
20 2 to 2½ feet.....	\$42.50	\$-----
90 2½ to 3 feet.....	47.50	450.00
120 9 x 9 inches (Globe).....	27.50	250.00
40 12 x 12 inches (Globe).....	33.00	300.00

VIRGINIANA CANNARTI, Cannart Red Cedar.

Foliage deep, rich green. One of the best of the many grafted varieties.

100 2 to 2½ feet.....	42.50	400.00
270 2½ to 3 feet.....	47.50	450.00
480 3 to 3½ feet.....	55.00	500.00
400 3½ to 4 feet.....	62.50	575.00

VIRGINIANA GLAUCA, Silver Red Cedar. 15-20 ft.

Of striking blue color all season. Growth rapid.

40 2 to 2½ feet.....	42.50	400.00
210 2½ to 3 feet.....	47.50	450.00

VIRGINIANA PYRAMIDIFORMIS, Dundee Juniper.

The gray-blue color of this narrow pyramidal Juniper changes to purple during fall and winter.

80 2 to 2½ feet.....	42.50	400.00
160 2½ to 3 feet.....	47.50	450.00
90 3 to 3½ feet.....	55.00	525.00

SPRUCE, Picea**CANADENSIS ALBERTIANA, Black Hill Spruce. 40-50 ft.**

Hardest of all Spruce. Symmetrical, compact and bushy habit of growth.
Foliage varies from green to bluish tint.

720 18 to 24 inches.....	25.00	225.00
830 2 to 2½ feet.....	32.50	300.00
640 2½ to 3 feet.....	37.50	350.00
260 3 to 3½ feet.....	45.00	425.00
340 3½ to 4 feet.....	52.50	500.00
210 4 to 4½ feet.....	60.00	575.00

EXCELSA, Norway Spruce. 70-80 ft.

Sharp, pointed needles, green in color. Used extensively for windbreaks and general planting. Rapid growth.

200 18 to 24 inches.....	22.50	200.00
300 2 to 2½ feet.....	30.00	275.00
160 2½ to 3 feet.....	35.00	325.00

PUNGENS, Colorado Green Spruce. 60-80 ft.

Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy trees. Succeeds in dry climates.

240 2 to 2½ feet.....	32.50	300.00
180 2½ to 3 feet.....	37.50	350.00
100 3 to 3½ feet.....	45.00	425.00

EVERGREENS FOR LINING OUT

The make up and handling of this line of stock means success or failure to the planter. Our stock is grown in rich, sandy loam, which builds a wonderful system of roots. With our experience in handling, the planter is assured of good results.

SHIPMENT — DIRECT FROM FREMONT, NEBRASKA. ORDER EARLY.

Root pruned grades are available for SPRING ONLY.

50 of any variety and size at the hundred rate.

KEY—TTT—Three times transplanted. R.P.—rooted pruned.

OUR ROOT PRUNED STOCK WILL PLEASE YOU

	Per 10	Per 100
ABIES CONCOLOR, Concolor Fir		
12 to 15 inches R.P.	\$ 4.00	\$ 35.00
9 to 12 inches R.P.	2.50	20.00
6 to 9 inches R.P.	1.60	13.00
JUNIPERUS HETZI, Hetzi Blue Juniper		
18 to 24 inches TTT	14.50	135.00
15 to 18 inches TTT	11.00	100.00
12 to 15 inches TTT	8.50	80.00
9 to 12 inches TTT	7.00	65.00
JUNIPERUS PFITZERIANA, Pfitzer Juniper		
18 to 24 inches TTT	14.50	135.00
15 to 18 inches TTT	11.00	100.00
12 to 15 inches TTT	8.50	80.00
9 to 12 inches TTT	7.00	65.00
6 to 9 inches TTT	4.50	40.00
JUNIPERUS PFITZERIANA COMPACTA		
9 to 12 inches TTT	7.50	70.00
JUNIPERUS PFITZERIANA GOLD TIP		
15 to 18 inches	14.50	135.00
12 to 15 inches TTT	8.50	80.00
9 to 12 inches TTT	7.00	65.00
JUNIPERUS SABINA, Savins Juniper		
18 to 24 inches TTT	14.50	135.00
15 to 18 inches TTT	11.00	100.00
12 to 15 inches TTT	8.50	80.00
9 to 12 inches TTT	7.00	65.00
JUNIPERUS SCOPULORUM		
12 to 15 inches R.P.	3.00	25.00
9 to 12 inches R.P.	1.80	15.00
6 to 9 inches R.P.	1.00	8.00
JUNIPERUS STRICTA EXCELSA		
12 to 15 inches TTT	8.50	80.00
9 to 12 inches TTT	7.00	65.00
JUNIPERUS VIRGINIANA		
12 to 15 inches R.P.	2.00	18.00
9 to 12 inches R.P.	1.40	12.00
6 to 9 inches R.P.	1.10	9.00

EVERGREENS—Continued

	Per 10	Per 100
PICEA CANADENSIS ALBA, White Spruce		
4 to 6 inches, R.P.-----	\$.60	\$ 5.00
PICEA DENSATA, Black Hill Spruce		
6 to 9 inches, R.P.-----	1.50	12.00
4 to 6 inches R.P.-----	.70	6.00
PICEA PUNGENS, Colo. Spruce grown from seed.		
6 to 9 inches, R.P.-----	1.50	12.00
4 to 6 inches R.P.-----	.70	6.00
PICEA EXCELSA, Norway Spruce		
4 to 6 inches R.P.-----	.60	5.00
PINUS ARISTATA, Bristlecone Pine		
4 to 6 inches, R.P.-----	1.50	12.00
PINUS NIGRA, Austrian Pine		
12 to 15 inches, R.P.-----	3.50	30.00
PINUS REGENSIS SYLVESTRIS, Scotch Pine		
9 to 12 inches, R.P.-----	1.60	13.00
4 to 6 inches, R.P.-----	.60	5.00
PSEUDOTSUGA TAXUS DOUGLASI, Douglas Fir		
12 to 15 inches, R.P.-----	3.50	30.00
9 to 12 inches, R.P.-----	2.50	20.00
THUJA OCCIDENTALIS PYRAMIDALIS, American pyramidal Arbor Vitae		
2 to 2½ feet, TTT-----	15.00	135.00
18 to 24 inches, TTT-----	12.50	110.00
15 to 18 inches, TTT-----	10.00	85.00
12 to 15 inches, TTT-----	7.50	70.00
9 to 12 inches, TTT-----	6.00	55.00
THUJA OCCIDENTALIS WOODWARDI (WOODWARD GLOBE)		
15 to 18 inches TTT-----	12.00	95.00
12 to 15 inches TTT-----	7.50	70.00
9 to 12 inches TTT-----	6.00	55.00
6 to 9 inches TTT-----	3.50	30.00

HORIZONTAL JUNIPERS

	Per 10	Per 100
JUNIPERUS ANDORRA PLUMOSA		
Silvery green in spring turning to a rich purple bronze in autumn. 8-12 inches high.		
15 to 18 inches TTT-----	\$10.50	\$ 95.00
12 to 15 inches TTT-----	8.00	75.00
9 to 12 inches TTT-----	6.50	60.00

ROSES

Northern California Grown Under Irrigation

Our roses are Northern California grown, available for shipment from Shenandoah after early February. They are carefully grown; well sprayed during the growing season and dug only when well ripened. All are carefully graded under our personal supervision and with our exceptional storage facilities for storing and handling of roses, we are in a position to supply first class plants which give satisfaction.

NEW SERVICES TO OUR CUSTOMERS

1. If requested with your order, we will supply without charge, copper wired printed wood labels for each non-patented rose purchased from us.
2. Large 4-color pictures of most varieties of roses **PURCHASED FROM US WILL BE SUPPLIED AT COST. ASK OUR SALESMAN OR WRITE US.**

T—Preceding variety indicates comparative tall growing varieties.

M—Preceding variety indicates comparative medium growing varieties.

S—Preceding variety indicates comparative short growing varieties.

Figures following variety indicate rating by American Rose Society.

All roses are tied No. 1. and No. 1½, 10 per bundle; No. 2, 20 per bundle. We do not break bundles.

HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00

RED SHADES

	No. 1	No. 1½
M Christopher Stone, (8.1). Free blooming, vivid-scarlet, velvet texture, fragrant.	1200	400
S Crimson Glory, (9.1). Highest rated red H.T. rose. Leading medal winner.	2100	1100
T Ena Harkness, (7.0). Crimson-scarlet blooms of lasting quality.	1000	500
T Etoile de Hollande, (8.1). Dependable dark-red. Fragrant.	400	300
M Gruss an Teplitz, (7.1). Medium size dark-maroon blooms in clusters. Hardy.	600	100
T Karl Herbst, (...). Large, well shaped, very fragrant, dark scarlet, lasting very well. Vigorous free bloomer. This is often called the Red Peace because of its parents, one of whom was Peace.	..	1600
T Poinsettia, (7.6). Long pointed bud opens to bright unfading scarlet, pointed double flowers. Vigorous free bloomer.	1400	800
T Radiance Red, (7.9). Bright rose-red form of popular Radiance.	900	600

PINK SHADES

M Betty Uprichard, (7.0). Salmon-pink, stained with coppery-red.	700	400
M Editor McFarland, (7.1). Shapely buds and double; brilliant pink blooms.	1100	..
M Numa Fay, (7.5). Large, pale orange-salmon buds open to salmon-pink flowers.	400	600
M Picture, (8.0). Velvety-clear rose-pink with undertones of salmon. Very double.	1500	200
M Pink Dawn, (7.1). Perfectly formed, pink buds touched with salmon-rose.	1100	900
T Radiance Pink, (7.9). Large, brilliant rose-pink. Very fragrant.	1200	..
M The Doctor, (7.6). Large, beautiful buds open to enormous semi-double cupped flowers of satiny pink. Vigorous and bushy.	..	1200

YELLOW SHADES

T Eclipse, (8.1). Long streamlined bud, rich clear gold. Formerly patented.	1400	300
S Golden Dawn, (7.5). Bud rich sunflower-yellow, flushed old rose. Double.	900	400
M Golden Rapture, (6.2). Long lasting, beautifully formed buds. Rich yellow flowers on long strong stems.	400	300

ROSES—Continued

HYBRID TEA AND EVERBLOOMING—Continued

	No. 1	No. 1½
M Joanna Hill, (7.1). Large, yellow with bronze shadings. Fragrant. Vigorous.	300	700
M McGredy's Yellow, (7.5). Bright buttercup yellow with perfect form. Fragrant.	900	300
M Mrs. E. P. Thom, (6.7). Large, well shaped, bright canary yellow.	1100	200
M Mrs. P. S. DuPont, (7.4). Bud reddish-gold, flower golden yellow.	1400	--
T Soeur Therese, (7.5). Double blooms of rich yellow. Vigorous.	700	300

TWO-TONED SHADES

M Autumn, (6.5). Double blooms of orange, yellow and red. Vigorous upright.	1000	400
T Condesa de Sastago, (7.4). Deep coppery pink inside, golden yellow reverse. Highly fragrant, vigorous and prolific.	1700	--
M Countess Vandal, (7.5). Color combination of pink, copper, gold and salmon. Long pointed bud with upright stems.	1400	800
M Duquesa de Penaranda, (7.2). Beautiful deep apricot.	900	400
S Hinrich Gaede, (6.3). Bright vermilion toned gold. Outstanding form and fragrance.	200	600
T Mme. Henri Guillot, (8.4). Formerly patented. A charming two-toned rose. The artistic, long urn-shaped buds open to 20 petaled flowers, 4½ inches across, watermelon to raspberry pink color with golden base. Slight fragrance.	600	400
M Mme. Joseph Perraud, (7.0). High centered, perfectly formed buds. Double blooms shell-pink edge shading to buff and orange center.	800	600
M McGredy's Sunset, (7.5). Buttercup yellow tipped orange, opens chrome-yellow flushed scarlet. Strong stems. Fragrant, sun resistant.	700	300
M Mrs. Sam McGredy, (7.9). Large, long pointed bud; large flower of scarlet copper-orange, outside of petals flushed red. Vigorous grower, prolific bloomer, disease resistant.	900	400
T Pres. Herbert Hoover, (7.7). Buds and blooms yellow with pink and flame tints.	1200	400
M Saturnia, (8.1). Formerly patented. A flaming, cardinal-red with reverse yellow and copper on a well-shaped medium growing plant. Free bloomer, with fine form blooms. Good foliage. Moderate fragrance.	--	600
T Talisman, (6.5). Glowing golden-yellow stained copper red.	1000	--

WHITE SHADES

T K. A. Viktoria, (6.7). Popular, snowy white double.	1100	--
M McGredy's Ivory, (7.2). Large, creamy white, double.	900	800
M Pedralbes, (7.4). Large, creamy-white opens to pure white with yellow center. Very fragrant.	700	900
M Rex Anderson, (6.9). Lovely ivory-white opens slowly. Perfect form, fully double, enormous size. Formerly patented.	400	700
S Snowbird, (7.1). Most prolific, pure white bedding rose. Full petaled and perfectly formed.	300	200
M Virgo, (...). Large 5" white flowers, high centered, fragrant. Dark leathery foliage. Vigorous bloomer. N.R.S. gold medal.	600	1100

HYBRID PERPETUAL

T Frau Karl Druschki, (8.0). Very popular large pure white. Very vigorous grower.	900	100
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Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

BABY ROSES — DWARF POLYANTHA AND FLORIBUNDAS

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00
No. XX Heavy	7.50	70.00	-----

RED VARIETIES

	No.1	No.1½	No.2	XX
M *Baby Chateau, (7.3). Deep red massive blooms. One of the best of its type.	300	200	200	70
M Eutin, (8.6). Large clusters of very double, deep red flowers on vigorous mildew resistant bush.	1800	1600	1400	--
T *Floradora, (8.2). Scarlet red, reverse geranium red. Double 25 petaled flowers. Height 2½'. AARS award winner.	2100	400	1200	230
M *Frensham, (8.6). Large, semi-double, deep crimson. Slightly fragrant. Very vigorous, bushy. Dark leathery foliage.	1400	1100	800	300
M *Lafayette Improved, (7.8). Large clusters of bright cherry-crimson.	1200	600	400	--
M *World's Fair, (8.0). Large clusters blackish-scarlet, velvety blooms with glowing mass golden yellow stamens. Formerly patented.	400	--	400	--

S Garnette, (7.8). Unusual variety producing pe- tite red sweetheart roses. Plant grows only about 18" high and carries crinkled holly- like foliage.	No.1 600	No.1½ --	No.2 --	XX --
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NOTE: Garnette is priced 5¢ more per plant.

PINK VARIETIES

	No.1	No.1½	No.2	XX
T *Betty Prior, (9.0). Produces large fragrant clusters throughout season. Opens lively red turning to shell-pink. Desirable for mass planting.	500	800	400	40
S Cameo, (7.8). Distinct shade of shell-pink and salmon with a glow of gold.	900	200	300	90
T *Else Poulsen, (7.6). Bright rose-pink, semi-double, lasting.	600	390	140	180
M Pinocchio, (7.8). Pointed buds of salmon-flushed gold, opening to miniature hybrid tea like roses of soft clear pink. Hardy. Formerly patented.	300	800	800	--
M *Rose Elfe (Rosenelfe), (8.2). Very large, double, high centered, La France pink; clusters on long, strong stems.	--	--	120	--

YELLOW AND BLEND VARIETIES

S Golden Salmon, (6.5). Bright orange-salmon. Fine for mass planting. Blooms constantly.	300	300	--	--
M *Poulsen's Yellow, (5.8). Bud copper, semi-double yellow flowers. Very fragrant.	800	--	80	--

TWO-TONE VARIETIES

S *Rochester, (6.8). Bud long-pointed, orange with carmine markings; flower large, fragrant, buff, reverse orange-carmine.	--	400	600	--
---	----	-----	-----	----

WHITE

M Dagmar Spaeth, (8.2). Alabaster white edged pink.	120	--	300	--
--	-----	----	-----	----

*FLORIBUNDA AND HYBRID POLYANTHA VARIETIES.

RUGOSA, HYBRIDS AND MISCELLANEOUS

Austrian Copper, single brilliant orange-red flowers inside, and yellow outside.

	Per 10	Per 100	Per 1000
100 3 to 4 feet	\$ 7.50	\$ 70.00	\$ -----
600 2 to 3 feet	6.50	60.00	-----
120 12 to 18 inches	5.00	40.00	-----

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS—Continued

Belle Poitevine, bright pink in clusters, everblooming.

	Per 10	Per 100	Per 1000
600 12 to 18 inches.....	\$ 4.00	\$ 35.00	\$ -----
300 9 to 12 inches.....	2.90	25.00	-----

F. J. Grootendorst, small red flowers in clusters.

280 2 to 3 feet.....	7.00	65.00	-----
2600 18 to 24 inches.....	6.00	55.00	500.00
3100 12 to 18 inches.....	4.50	40.00	350.00
1600 9 to 12 inches.....	2.90	25.00	220.00

Grootendorst Pink, charming pink variety of Grootendorst.

400 18 to 24 inches.....	6.00	55.00	500.00
1600 12 to 18 inches.....	4.50	40.00	350.00
700 9 to 12 inches.....	2.90	25.00	220.00

Grootendorst Supreme, sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.

900 2 to 3 feet.....	7.00	65.00	600.00
600 12 to 18 inches.....	4.50	40.00	350.00

Hansa, double, reddish flowers of large size.

1200 12 to 18 inches.....	5.00	45.00	-----
1800 9 to 12 inches.....	3.50	30.00	-----

Hugonis, light yellow flowers borne profusely along the branches. Very hardy, blooms very early.

800 2 to 3 feet.....	6.00	55.00	500.00
600 18 to 24 inches.....	5.50	50.00	450.00
100 12 to 18 inches.....	4.00	35.00	-----

Multiflora japonica, thorny type. Selected from types adapted for hardiness.

600 18 to 24 inches.....	4.00	35.00	-----
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Rugosa Rubra, large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.

870 2 to 3 feet.....	7.00	65.00	600.00
1600 18 to 24 inches.....	6.00	55.00	500.00
1100 12 to 18 inches.....	5.00	45.00	400.00
300 9 to 12 inches.....	3.50	30.00	-----

Setigera, bright pink flowers, big clusters, blooms late.

440 2 to 3 feet.....	5.50	50.00	-----
500 18 to 24 inches.....	4.50	40.00	-----

Sir Thomas Lipton, double snowy white flowers of good size.

140 18 to 24 inches.....	5.50	50.00	-----
480 12 to 18 inches.....	4.50	40.00	-----
380 9 to 12 inches.....	2.90	25.00	-----

Skyrocket (Wilhelm), Shrub rose with pointed buds opening to large single red flowers borne in large clusters; fragrant. Blooms from June to October.

200 2 to 3 feet.....	6.50	60.00	-----
500 18 to 24 inches.....	5.50	50.00	-----
350 12 to 18 inches.....	4.50	40.00	-----
250 9 to 12 inches.....	3.50	30.00	-----

ROSES—Continued

CLIMBERS AND RAMBLERS

Our Climbing Roses are California grown, mostly own roots, excepting Climbing Hybrid Teas are Buds. They are well furnished plants, well graded and we are confident they will please.

Aloha—See patented Roses for prices and descriptions.

Blaze, (8.1). Hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet Crimson flower.

		Per 10	Per 100	Per 1000
400	No. 1	\$ 6.50	\$ 60.00	\$ -----
2100	No. 1½	5.50	50.00	450.00
2800	No. 2	3.70	32.00	280.00

Blaze, (.). Improved. New improved strain of the popular climber, recurrent blooming through-out the summer season until frost. Brilliant 2 to 3 inch, cupped, scarlet-red flowers.

		Per 10	Per 100	Per 1000
3600	No. 1½	\$ 6.00	\$ 55.00	\$500.00

Blossomtime—See patented Roses for prices and descriptions.

Brownell Hardy Climbers

City of York, (8.6). Cupped, wild-rose fragrance, creamy white. Foliage glossy, leathery. Very vigorous climbing; profuse bloom.

		Per 10	Per 100	Per 1000
800	No. 1	\$ 6.50	\$ 60.00	\$ -----
100	No. 1½	5.50	50.00	-----
100	No. 2	3.70	32.00	-----

Climbing American Beauty, (7.6). Flowers rich red to Crimson.

2700	No. 1	6.00	55.00	-----
1800	No. 2	3.20	28.00	250.00

Climbing Crimson Glory—See Patented Roses for prices and description.

Climbing Goldilocks—See Patented Roses for prices and description.

Climbing Peace—See Patented Roses for prices and description.

Climbing Hybrid Tea.	Per 10	Per 100	Per 1000
No. 1	\$ 7.00	\$ 65.00	\$600.00
No. 1½	6.00	55.00	-----
No. 2	4.50	40.00	-----
	No. 1	No. 1½	No. 2
Etoile de Hollande, (8.06) bright red.	1200	1200	800
Mrs. P. S. Dupont, golden yellow.	600	100	100
Pres. H. Hoover, maroon, orange and red.	300	400	100
Talisman, yellow stained coppery red.	1300	100	100

Don Juan—See patented Roses for prices and descriptions.

Doubloons, (7.1). Buds and flowers are clear golden yellow.

Vigorous and hardy.	Per 10	Per 100	Per 1000
1400 No. 1	\$ 6.50	\$ 60.00	\$ -----
1200 No. 1½	5.50	50.00	-----
500 No. 2	4.00	35.00	-----

Dr. J. H. Nicolas, (7.1). Double deep rose pink flowers, 5 to 6 inches across with about 50 petals. Everblooming.

2700	No. 1½	6.00	55.00	500.00
2400	No. 2	4.50	40.00	350.00

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued

		Per 10	Per 100	Per 1000
Gardenia , yellow buds and creamy flowers with rich yellow centers.				
1100	No. 1	\$ 5.50	\$ 50.00	\$ ---
900	No. 1½	4.50	40.00	---
400	No. 2	2.90	25.00	---
Gladiator —See patented Roses for prices and descriptions.				
Golden Climber , (...). (Mrs. Arthur Curtis James) Formerly patented. Large flowered Rambler. Bud long pointed. Flowers large, semi-double, open, fragrant, sunflower-yellow. Glossy foliage. Vigorous. Free seasonal bloom when established.				
200	No. 1	6.50	60.00	---
300	No. 1½	5.50	50.00	---
300	No. 2	3.70	32.00	---
Golden Showers —See Patented Roses for prices and description.				
New Dawn , (8.8). EVERBLOOMING CLIMBING ROSE Apple blossom pink flowers with old-rose fragrance.				
400	No. 1	6.50	60.00	---
300	No. 1½	5.50	50.00	---
1700	No. 2	4.00	35.00	---
Paul's Scarlet , (9.1). Intense scarlet flowers of excellent shape and good size, borne in clusters.				
400	No. 1½	5.00	45.00	400.00
800	No. 2	3.20	28.00	250.00
Primrose , hardy, double canary-yellow flowers.				
1100	No. 1	6.00	55.00	---
400	No. 2	3.50	30.00	---
Seven Sisters , double, deep pink, borne in large clusters.				
700	No. 1½	3.50	30.00	---
400	No. 2	2.40	20.00	---
Spectacular —See Patented Roses for prices and description.				
White Dawn , (7.1). Best everblooming, hardy, big-flowered white Climbing Rose. Healthy, strong-growing, pleasingly free and continuous in blooms.				
500	No. 1	6.50	60.00	---
900	No. 1½	5.50	50.00	---
500	No. 2	4.00	35.00	---
Wichuriana (Memorial Rose). Clusters of white flowers trailing habit, glossy leaves, fine ground cover.				
200	No. 1	4.50	40.00	---

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

ROSES—Continued

PATENTED HYBRID TEA ROSES

We are offering the following Roses under license from patentee, and its understood and agreed that they are FOR SALE AT RETAIL ONLY, at prices specified. Prices are NET.

		10-20	20-100	100-250	250-up
		Each	Each	Each	Each
M Arlene Francis, (7.1). Patent No. 1684. (Retails \$3.00 each; 3 or more \$2.65 each.) Golden yellow, 5 inch blooms which average from 20 to 25 petals. Good foliage, prolific bloomer and very hardy. Moderate fragrance.					
870	No. 1	\$1.65	\$ 1.50	\$ 1.40	\$ 1.30
640	No. 1½	1.32	1.20	1.12	1.04
M Burnaby, (8.1). Patent No. 1314. (Retails \$2.50 each; 3 or more \$2.20 each.) Bud canary-yellow edged deep pink. Flowers well formed. Outer petals pure white, shading to primrose-yellow center. Dark green glossy foliage, very free bloomer.					
470	No. 1	1.40	1.25	1.20	1.10
320	No. 1½	1.12	1.00	.96	.88
 M Chrysler Imperial, (8.8). Patent No. 1167. (Retails \$2.50 each; 3 or more \$2.20 each.) A.A.R.S. award winner unmatched by any other red rose. Vivid rich tones of crimson with dark oxblood overtones, and garnet. High centered 4½-5 inch blooms with 40 to 50 wide petals. Abundant, dark green, semi-glossy foliage.					
2100	No. 1	1.40	1.25	1.20	1.10
1800	No. 1½	1.12	1.00	.96	.88
M Confidence, (8.3). Patent No. 1192. (Retails \$2.50 each; 3 or more \$2.20 each.) A beautiful blend of yellow, white and peach-pink flowers borne on long stems. Fragrant.					
700	No. 1	1.40	1.25	1.20	1.10
800	No. 1½	1.12	1.00	.96	.88

Visitors are always welcome to inspect our rose field at Gustine, California — 90 miles south and east from San Francisco or 22 miles south from Modesto.

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued	10-20	20-100	100-250	250-up
	Each	Each	Each	Each

M Diamond Jubilee, (6.5). Patent No. 824. (Retails

\$2.25 each; 3 or more \$2.00 each.) Double, high centered flowers of glowing buff-orange, and touches of orange-yellow at base of petals. A.A.R.S. award winner.

720 No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
320 No. 1½	1.00	.90	.84	.76

M Duet, (...). Patent No. 1903. (Retails \$3.50 each;

3 or more \$3.10 each.) Bi-colored rose which blends two warm, rich colors. Inner petal is a soft salmon-pink, reverse of petal contrasting rosy crimson. Flowers of 30 petals are borne on strong, medium length stems, medium in size and beautifully formed. 1961 A.A.R.S. Award Winner.

1600 No. 1	1.85	1.75	1.55	1.40
1800 No. 1½	1.48	1.40	1.24	1.12

M Forty-Niner, (6.8). Patent No. 792. (Retails \$2.50

each; 3 or more \$2.20 each.) Brilliantly hued bi-color of contrasting brilliance. Inside of petals vivid oriental-red while outside chrome-yellow changing to straw-yellow. Long bud, 25 to 40 petals. A.A.R.S. award winner.

610 No. 1	1.40	1.25	1.20	1.10
1200 No. 1½	1.12	1.00	.96	.88

M Gail Borden, (7.6). Patent No. 1618. (Retails \$3.00

each; 3 or more \$2.65 each.) One of the largest new Hybrid Teas, opens to 5½ to 6 inch diameter. The bud and outside of all petals is soft yellow while the inside of all petals is a glowing apricot. Flowers borne on long stems with large, dark shiny green foliage.

1800 No. 1	1.65	1.50	1.40	1.30
600 No. 1½	1.32	1.20	1.12	1.04

T Garden Party, (...). Patent No. 1814. (Retails

\$3.00 each; 3 or more \$2.65 each.) 1960 A.A.R.S. award winner. Extra large flowers of creamy ivory beautifully flushed with pink on outer edges. Adds the fine qualities of its parents Peace and Charlotte Armstrong. Almost continuous bloom throughout season.

1400 No. 1	1.65	1.50	1.40	1.30
900 No. 1½	1.32	1.20	1.12	1.04

T Golden Masterpiece, (6.9). Patent No. 1284. (Re-

\$3.00 each; 3 or more \$2.65 each.) Enormous, fragrant, golden-yellow flowers with high centers. A beautiful new variety. Glossy foliage on strong plant.

400 No. 1	1.65	1.50	1.40	1.30
800 No. 1½	1.32	1.20	1.12	1.04

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Golden Scepter, (7.3). Patent No. 910. (Retail \$1.85 each; 3 or more \$1.65 each.) Unfading golden-yellow. Long, slender buds open to large, high-centered flowers. Won highest award in Holland.				
1100 No. 1	\$1.05	\$.92½	\$.85	\$.80
600 No. 1½	.84	.74	.68	.64
Gold Glow, (). Patent applied for. (Retail \$3.50 each; 3 or more \$3.10 each.) This beautiful yellow Hybrid Tea rose is distinctly different in many respects. It is heavily petaled, having between 100 and 107 per flower. The rich golden yellow color will not fade during the life of the bloom.				
700 No. 1	1.85	1.75	1.55	1.40
400 No. 1½	1.48	1.40	1.24	1.12
T Helen Traubel, (8.7). Patent No. 1028. (Retail \$2.75 each; 3 or more \$2.40 each.) A.A.R.S. award winner of proven merit. Varies from sparkling pink to luminous apricot with golden-yellow base of petals. Unusually long buds unfold to lovely display at all stages of bloom. Very vigorous grower and prolific bloomer.				
600 No. 1	1.50	1.37½	1.30	1.20
1400 No. 1½	1.20	1.10	1.04	.96
T Katherine T. Marshall, (7.2). Patent No. 607. (Retail \$1.85 each; 3 or more \$1.65 each.) Large, open upright blooms of warm glowing pink, fully fragrant. Perfect form and long stems.				
380 No. 1	1.05	.92½	.85	.80
1100 No. 1½	.84	.74	.68	.64
T Kordes Perfecta, (7.8). Patent No. 1604. (Retail \$3.50 each; 3 or more \$3.10 each.) A flashing new color. Cream white buds edged with carmine, which color spreads throughout as flower opens to a combination of pink, white, and yellow. Fragrant.				
2400 No. 1	1.85	1.75	1.55	1.40
1800 No. 1½	1.48	1.40	1.24	1.12
T Lady Elgin, (7.6). Patent No. 1469. (Retail \$2.50 each; 3 or more \$2.20 each.) Apricot and orange. Ovoid buds of reddish apricot, open to large double fragrant flowers of buff-yellow washed strawberry-pink. Vigorous upright plant. Moderate fragrance.				
200 No. 1	1.40	1.25	1.20	-----
760 No. 1½	1.12	1.00	.96	.88
T Love Song, (6.6). Patent No. 1360. (Retail \$2.50 each; 3 or more \$2.20 each.) Off-spring of Peace rose. Large blooms of rich, salmon-pink, with brilliant yellow on lower third of petals and lighter reverse. Buds deep gold edged with coppery rose. Sturdy plants.				
980 No. 1	1.40	1.25	1.20	1.10
1100 No. 1½	1.12	1.00	.96	.88



ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Lowell Thomas, (7.7). Patent No. 595. (Retails \$2.25 each; 3 or more \$2.00 each.) Large, long pointed bud opens to large, very double flowers. (35-40 petals). High-centered, lasting, clear canary-yellow. Vigorous, compact plant. A.A.R.S. award winner.				
960 No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
480 No. 1½	1.00	.90	.84	.76
Merry Heart, (...). Patent applied for. (Retails \$3.00 each; 3 or more \$2.65 each.) This brilliant orange scarlet rose has captured a shade distinctly different from the rose "El Capitan" and is a very vigorous and upright grower. The blooms are medium to large and are borne sometimes singly and sometimes in few flower clusters.				
200 No. 1	1.65	1.50	1.40	----
700 No. 1½	1.32	1.20	1.12	1.04
T Mirandy, (7.7). Patent No. 632. (Retails \$2.25 each; 3 or more \$2.00 each.) Large long-pointed buds of rich, dark-red with black shadings, opens chrysanthemum-red flower of 50 petals. Very fragrant. A.A.R.S. award winner.				
1200 No. 1	1.25	1.12½	1.05	.95
1400 No. 1½	1.00	.90	.84	.76
T Mojave, (7.4). Patent No. 1176. (Retails \$2.75 each; 3 or more \$2.40 each.) Cross of Charlotte Armstrong retaining many of its fine characteristics. The color is a blend of salmon, apricot, and orange. A.A.R.S. award winner.				
1100 No. 1	1.50	1.37½	1.30	1.20
1400 No. 1½	1.20	1.10	1.04	.96
M New Yorker, (8.0). Patent No. 823. (Retails \$2.50 each; 3 or more \$2.20 each.) Brilliant red, with long lasting, sun-resistant color. Buds slowly open to very large flowers, often 6½ inches across, of scarlet with rose-red overlaid with rich velvety sheen.				
2100 No. 1½	1.12	1.00	.96	.88
T Nocturne, (8.1.) Patent No. 713. (Retails \$2.25 each; 3 or more \$2.00 each.) Bright cardinal red with dark shading of crimson. Large petals, good substance, richly textured, long lasting and fragrant. A.A.R.S. award winner.				
900 No. 1	1.25	1.12½	1.05	.95
700 No. 1½	1.00	.90	.84	.76
M Oregon Centennial, (7.4). Patent No. 1914. (Retails \$3.00 each; 3 or more \$2.65 each.) A crimson-red rose tall and vigorous in bush. Long pointed buds open into large, graceful 4 to 6 inch blooms. Fragrant.				
600 No. 1½	1.32	1.20	1.12	1.04

ROSES—Continued

"The World's Finest Roses Are Grown in Northern California"

More than two million Roses will be harvested this winter at our Rose Ranch in Northern California. All grown on rich new land, under irrigation. Vitalized by that famed California sunshine, sprayed to retain foliage all season, and ripened naturally in early winter. Shipped to you from Shenandoah in perfect dormant condition when wanted.

These finer Northern California grown Roses will again be available for next season, in all A.A.R.S. and other newer patented varieties, as well as a complete assortment of the better non-patented varieties. These bigger, heavier-branched, better-rooted, Rose bushes will please our most exacting trade and insure a bigger, more profitable sale. Sell Mount Arbor Northern California grown Roses exclusively.

Rose of Freedom

Plant Pat. No. 791

1947 Winner

City of Portland Award

An H. T. with beautiful 60 to 70 petaled, long stemmed currant-red blooms with delightful true rose fragrance. The lovely blooms are normally borne singly on strong, straight 28 to 32 inch stems. The new wood is usually thornless. It blooms freely on a vigorous, upright bush with abundant, handsome disease-resistant foliage. A Mount Arbor introduction!

Retail Price **\$2.00** Each



ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Peace, (9.6). Patent No. 591. (Retail \$2.50 each; 3 or more \$2.20 each.) Highest medal winning rose in America and Europe of all time. Ovoid buds are golden yellow etched with pink that deepens as flower slowly opens. Color changes from canary-yellow to pale golden, to iridescent cream. Large 5 inch blooms on very strong growing bush with dark green leathery foliage. A.A.R.S. award winner.				
2400 No. 1	\$1.40	\$ 1.24	\$ 1.20	\$ 1.10
1800 No. 1½	1.12	1.00	.96	.88
T Pink Favorite, (8.3). Patent No. 1523. (Retail \$2.50 each; 3 or more \$2.20 each.) Long pointed deep pink buds open to exhibition flower. Glossy disease resistant foliage.				
790 No. 1	1.40	1.25	1.20	1.10
500 No. 1½	1.12	1.00	.96	.88
T Pink Peace, (7.3). Patent No. 1759. (Retail \$3.00 each; 3 or more \$2.65 each.) Both parents Peace seedlings. Enormous dusty-pink flowers of beautiful form carried erect on heavy canes branching freely at base.				
2100 No. 1	1.65	1.50	1.40	1.30
2400 No. 1½	1.32	1.20	1.12	1.04
M Rose of Freedom, (7.7). Patent No. 791. (Retail \$2.00 each; 3 or more \$1.75 each.) Winner City of Portland Award for 1947. A hybrid tea with beautiful 60-70 petaled, long-stemmed, currant red blooms with delightful true rose fragrance. The lovely blooms are usually borne singly on strong straight 28 to 32 inch stems. New wood usually thornless. Blooms freely, on vigorous, upright bush with abundant handsome, disease resistant foliage. Highest scoring red rose in 1946-47 national rose trials.				
1400 No. 1	1.10	1.00	.95	.85
900 No. 1½	.88	.80	.76	.68
T Rubaiyat, (8.2). Patent No. 758. (Retail \$1.85 each; 3 or more \$1.65 each.) Tall, free blooming plant produces abundance of long pointed buds on strong upright stems. Opens slowly to large rose-red to crimson color in center with lighter reverse of petals. A.A.R.S. award winner.				
500 No. 1	1.05	.92½	.85	.80
300 No. 1½	.84	.74	.68	.64
M Show Girl, (7.6). Patent No. 646. (Retail \$2.25 each; 3 or more \$2.00 each.) Deep pink exhibition rose; one of the best. Flourishes all climates. Lovely buds on long stems.				
400 No. 1	1.25	1.12½	1.05	.95
600 No. 1½	1.00	.90	.84	.76
M Sterling Silver, (7.1). Patent No. 1433. (Retail \$3.00 each; 3 or more \$2.65 each.) Lavender 4 inch cupped flowers that open slowly. Buds lightly suffused lavender-pink. Fragrant flowers all stages. Medium tall, dark green foliage.				
400 No. 1½	1.32	1.20	1.12	1.04

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
T Sutters Gold, (8.1). Patent No. 885. (Retail \$2.25 each; 3 or more \$2.00 each.) Long pointed yellow bud, richly shaded with orange and red. Rich tea fragrance not found in other yellow roses. A.A.R.S. award winner.					
	740 No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
	800 No. 1½	1.00	.90	.84	.76
M Tapestry, (7.6). Patent No. 1812. (Retail \$2.75 each; 3 or more \$2.40 each.) Flame colored roses one day, yellow the next, with copper the day after, or all colors may come at once—it can't make up its mind. Spicy fragrance. Upright, well branched plant with glossy, dark green, disease resistant leaves.					
	900 No. 1	1.50	1.37½	1.30	1.20
	380 No. 1½	1.20	1.10	1.04	.96
T The Duke, (7.4). Patent No. 1522. (Retail \$2.50 each; 3 or more \$2.20 each.) Large blooms of 50-60 petals. Carmine-red sprayed with light gold beneath petals.					
	340 No. 1	1.40	1.25	1.20	1.10
	600 No. 1½	1.12	1.00	.96	.88
T Tiffany, (8.8). Patent No. 1304. (Retail \$2.75 each; 3 or more \$2.40 each.) 1955 A.A.R.S. award winner. Beautiful phlox-pink blooms. Long pointed deep pink buds with yellow shadings at base. Opens to double high centered blooms of heavy textured petals of lasting quality. Produced singly on long strong stems. Fragrant. Upright, vigorous, dark green foliage.					
	960 No. 1	1.50	1.37½	1.30	1.20
	1120 No. 1½	1.20	1.10	1.04	.96
M White Knight, (7.2). Patent No. 1359. (Retail \$3.00 each; 3 or more \$2.65 each.) First white hybrid tea rose ever to win the A.A.R.S. award, which it won in 1958. A superb rose form in both bush and flower. Satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll outward creating a stunning effect.					
	800 No. 1	1.65	1.50	1.40	1.30
	1600 No. 1½	1.32	1.20	1.12	1.04
M White Swan, (6.8). Patent No. 1115. (Retail \$2.50 each; 3 or more \$2.20 each.) Long-pointed graceful buds of alabaster-white, opening slowly to dazzling snow-white blooms.					
	600 No. 1	1.40	1.25	1.20	1.10
	300 No. 1½	1.12	1.00	.96	.88

PATENTED GRANDIFLORA ROSES

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Buccaneer, (7.3). Patent No. 1119. (Retail \$2.50 each; 3 or more \$2.20 each.) Brilliant, non-fading, lasting clear yellow flowers on strong growing plant. Won gold medal at Geneva, Switzerland and Certificate of Merit at Bagatelle and Rome.				
800 No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
1100 No. 1½	1.12	1.00	.96	.88
T Carrousel, (9.0). Patent No. 1066. (Retail \$2.00 each; 3 or more \$1.75 each.) Large, double, deep-red flowers in clusters. Tall growing, upright, mildew resistant plants.				
940 No. 1	1.10	1.00	.95	.85
800 No. 1½	.88	.80	.76	.68
T Cherry Glow, (...). Patent No. 1490. (Retail \$2.75 each; 3 or more \$2.40 each.) Clusters of cherry-red hybrid tea shaped roses on well branched upright plants. Urn-shaped buds open to satiny, 3-4 inch blooms.				
600 No. 1	1.50	1.37½	1.30	1.20
800 No. 1½	1.20	1.10	1.04	.96
T Golden Girl, (...). Patent No. 1912. (Retail \$3.00 each; 3 or more \$2.65 each.) The rose that eclipses "Eclipse"! Bigger, bush produces many more flowers in grandiflora style. Long tapering buds like Eclipse open to sparkling yellow flowers 4-4½ inches across. Bushy, upright vigorous grower.				
540 No. 1	1.65	1.50	1.40	1.30
1300 No. 1½	1.32	1.20	1.12	1.04
T Montezuma, (8.5). Patent No. 1383. (Retail \$2.75 each; 3 or more \$2.40 each.) Bright orange-scarlet buds, borne in profusion, open to salmon-orange flowers. Compact grower with leathery, semi-glossy foliage.				
1100 No. 1	1.50	1.37½	1.30	1.20
900 No. 1½	1.20	1.10	1.04	.96
T Pink Parfait, (...). Patent No. 1904. (Retail \$3.50 each; 3 or more \$3.10 each.) Flowers are a delicate blending of pink pastel shades, with the bud stage ranging from dawn pink to apple blossom pink. In the open stages, the semi-double flowers range from dawn pink to deep rose the color varying somewhat according to the weather. 1961 A.A.R.S. Award Winner.				
1100 No. 1	1.85	1.75	1.55	1.40
1400 No. 1½	1.48	1.40	1.24	1.12
T Queen Elizabeth, (9.0). Patent No. 1259. (Retail \$2.50 each; 3 or more \$2.20 each.) First A.A.R.S. award winning grandiflora rose. Both parents Charlotte Armstrong and Floradora were A.A.R.S. winners. Pure pink bloom, high centered, borne both in clusters and singly on long, almost thornless stems. Glossy, deep green foliage.				
1200 No. 1	1.40	1.25	1.20	1.10
1500 No. 1½	1.12	1.00	.96	.88



ROSES—Continued

PATENTED GRANDIFLORA ROSES—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
 T Starfire, (8.1). Patent No. 1742. (Retail \$3.00 each; 3 or more \$2.65 each.) 1959 A.A.R.S. award winner. Glowing currant-red high centered blooms. Distinctive, non-fading. Bronze-green foliage. Excellent for cutting. Vigorous and profuse bloomer.	720 No. 1	\$1.65	\$ 1.50	\$ 1.40	\$ 1.30
	1400 No. 1½	1.32	1.20	1.12	1.04

PATENTED FLORIBUNDA ROSES

		10-20 Each	20-100 Each	100-250 Each	250-up Each
M All Gold, (7.5). Patent No. 1665. (Retail for \$2.50 each; 3 or more \$2.20 each.) A new, deep rich sparkling yellow floribunda. Holds its color until petals drop. Glossy leathery foliage.	600 No. 1½	\$1.12	\$ 1.00	\$.96	\$.88
 T Amy Vanderbilt, (6.9). Patent No. 1585. (Retail \$2.25 each; 3 or more \$2.00 each.) Hardy floribunda of purple-lilac, changing to lavender-lilac, then to a cool lavender. 2½-3 inch blooms of 4 to 8 flowers.	740 No. 1	1.25	1.12½	1.05	.95
	1100 No. 1½	1.00	.90	.84	.76
M Baby Blaze, (7.7). Patent No. 1362. (Retail \$2.00 each; 3 or more \$1.75 each.) Dark-red buds opening to rich cherry-red color. Does not blue at any stage. Flowers in clusters of 10-25 on a shoot. Excellent for hedge, foundation or group planting.	400 No. 1	1.10	1.00	.95	.85
 M Circus, (7.8). Patent No. 1382. (Retail \$2.50 each; 3 or more \$2.20 each.) 1956 A.A.R.S. award winner. Predominant color is yellow. Tight buds richly marked with red. Blooms unfold to ever-changing shades of bright scarlet, yellow, orange, buff, and apple-blossom pink. A riot of color.	1100 No. 1	1.40	1.25	1.20	1.10
	1400 No. 1½	1.12	1.00	.96	.88
 M Fashion, (8.9). Patent No. 789. (Retail \$2.00 each; 3 or more \$1.75 each.) A.A.R.S. award winner. Brilliant luminous coral pink flowers overlaid with gold, opening with wavy graceful petals. Large clusters and single flowers all season.	1600 No. 1	1.10	1.00	.95	.85
	1400 No. 1½	.88	.80	.76	.68
 T Fire King, (...). Patent No. 1758. (Retail \$2.50 each; 3 or more \$2.20 each.) 1960 A.A.R.S. award winner. Blood-red pointed buds open to glamorous, brilliant red blooms. Long lasting 40-50 petaled flowers 2½-3 inch diameter. Dark green leaves with reddish cast in tips on tall attractive bush.	1400 No. 1	1.40	1.25	1.20	1.10
	1500 No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED FLORIBUNDA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Fusilier, (7.8). Patent No. 1709. (Retail \$2.00 each 3 or more \$1.75 each.) 1958 A.A.R.S. award winner. Rich orange-red which runs to a darker cherry-red in fall. The wavy effect in the frilled petals of the large blooms heightens the luminescent effect.				
1100 No. 1	\$1.10	\$ 1.00	\$.95	\$.85
600 No. 1½	.88	.80	.76	.68
M Geranium Red, (7.1). Patent No. 811. (Retail \$2.00 each; 3 or more \$1.75 each.) Flowers very double (50 petals). Strong geranium fragrance, bright geranium-red clusters.				
600 No. 1	1.10	1.00	.95	.85
300 No. 1½	.88	.80	.76	.68
M Gold Cup, (7.1). Patent No. 1683. (Retail \$2.00 each; 3 or more \$1.75 each.) 1958 A.A.R.S. award winner. Lovely golden-yellow that holds color throughout all stages. Pure yellow blossoms contrast beautifully with its glossy foliage.				
1400 No. 1	1.10	1.00	.95	.85
1200 No. 1½	.88	.80	.76	.68
S Goldilocks, (7.3). Patent No. 672. (Retail \$1.75 each; 3 or more \$1.55 each.) Rich golden yellow buds, ovoid in shape. Long lasting, hardy and vigorous.				
1600 No. 1	1.00	.87½	.80	.75
900 No. 1½	.80	.70	.64	.60
M Independence, (8.2). Patent No. 1036. (Retail \$1.75 each; 3 or more \$1.55 each.) Large brilliant orange-scarlet or better described firecracker red. Vigorous bloomer.				
700 No. 1	1.00	.87½	.80	.75
900 No. 1½	.80	.70	.64	.60
M Ivory Fashion, (8.0). Patent No. 1688. (Retail \$2.50 each; 3 or more \$2.20 each.) 1959 A.A.R.S. award winner. Long, slender ivory buds opening to 4 inch flowers with long golden staymens. Fragrant, long lasting. Healthy plant to 30 inches.				
960 No. 1	1.40	1.25	1.20	1.10
800 No. 1½	1.12	1.00	.96	.88
M Jiminy Cricket, (7.6). Patent No. 1346. (Retail \$2.00 each; 3 or more \$1.75 each.) 1955 A.A.R.S. award winner. Tangerine red buds opening to coral-orange and finishing coral-pink like Fashion. Old rose fragrance, glossy bronze foliage.				
1500 No. 1	1.10	1.00	.95	.85
800 No. 1½	.88	.80	.76	.68
M Lavender Girl, (7.1). Patent No. 1672. (Retail \$5.00 each; 3 or more \$4.25 each.) This is the only lavender rose which holds its rich color even in summer heat. Low-growing, compact bush produces the flowers generously—each a 35-42 petaled, 3½ inch open flower. Fragrant. Long cutting stem.				
400 No. 1½	2.20	2.00	1.76	----

ROSES—Continued

PATENTED FLORIBUNDA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
M Little Darling, (8.4). Patent No. 1581. (Retail \$2.25 each; 3 or more \$2.00 each.) Hues of brilliance from red-orange on outer circle to shades of rose-pink, to warm buttercup-yellow at heart. 2½ inch blooms borne singly and in clusters.				
700 No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
900 No. 1½	1.00	.90	.84	.76

 **M Ma Perkins, (7.9). Patent No. 1143. (Retail \$2.00 each; 3 or more \$1.75 each.)** A.A.R.S. award winner. Translucent light coral-pink with shades of red in outer petals and suffusion of yellow. Strong, compact plant with rich green foliage.

600 No. 1	1.10	1.00	.95	.85
700 No. 1½	.88	.80	.76	.68

Prairie Fire, (Retail \$2.50 each). A new introduction from spring 1960, originated by the University of Minnesota. The flowers of Prairie Fire are large, semi-double having 2½ inch to 3 inch bright red flowers borne in clusters of from 35 to 55 individual blooms crowning a single cane blossoms are highly fragrant. The plant produces flushes of bloom at approximately monthly intervals, from June until killing frosts in fall, with some flowers present almost continuously throughout the summer. Growth habit is upright, very vigorous; growth height is up to 5 feet. Foliage is dark green, somewhat glossy and quite resistant to common diseases of roses.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
900 No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
600 No. 1½	1.12	1.00	.96	.88

M Red Pinocchio, (8.8). Patent No. 812. (Retail \$1.75 each; 3 or more \$1.55 each.) Masses of 3½ inch unfading carmine flowers that deepen in color as they open. Wild rose fragrance. Vigorous, prolific bloomer.

1800 No. 1	\$1.00	\$.87½	\$.80	\$.75
2100 No. 1½	.80	.70	.64	.60

 **S Sarabande, (...). Patent No. 1761. (Retail \$2.50 each; 3 or more \$2.20 each.)** 1960 A.A.R.S. award winner. It's orient-red—a bright iridescent orange-red, even and clear all through. Semi-double, large flowers with bright yellow stamens make it strikingly beautiful. Vivid clusters hold color throughout. Blooms early and abundantly.

800 No. 1	1.40	1.25	1.20	1.10
600 No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED FLORIBUNDA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Spartan, (8.3). Patent No. 1357. (Retail \$2.50 each; 3 or more \$2.20 each.) Sparkling orange-red in bud which opens to reddish-coral at finish. Flowers in clusters and singly on long stems. Its rich dark green foliage is one of the toughest and most disease resistant.				
900 No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
1100 No. 1½	1.12	1.00	.96	.88
M Vogue, (8.2). Patent No. 926. (Retail \$2.00 each; 3 or more \$1.75 each.) A.A.R.S. award winner. Unique, glowing cherry-coral color. Individual flowers 3 to 4 inches in diameter. Hybrid tea shape. Upright compact bush.				
1200 No. 1	1.10	1.00	.95	.85
800 No. 1½	.88	.80	.76	.68
M White Bouquet, (7.4). Patent No. 1415. (Retail \$2.50 each; 3 or more \$2.20 each.) 1957 A.A.R.S. award winner. Lovely white floribunda with 4-5 inch gardenia-like blooms and golden yellow stamens. Sweet spicy fragrance. Flowers produced both in clusters and individual blooms.				
660 No. 1	1.40	1.25	1.20	1.10
300 No. 1½	1.12	1.00	.96	.88
S White Pinocchio, (5.6). Patent No. 1010 (Retail \$1.50 each; 3 or more \$1.30 each.) Pure white, semi-double flowers with yellow stamens. 2 to 2½ inch flowers.				
500 No. 1	.90	.75	.70	.65
300 No. 1½	.72	.60	.56	.52
M Yellow Pinocchio, (6.2). Patent No. 992. (Retail \$1.50 each; 3 or more \$1.30 each.) Sturdy bush about 3 ft. tall with blooms of apricot-yellow. A rounded mound of yellow blooms at peak of season.				
500 No. 1½	.72	.60	.56	.52

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Aloha, (6.2). Patent No. 948. (Retail \$2.50 each; 3 or more \$2.20 each.) Rich rose-pink with soft lilac silvery-pink on inside of petals when open. Primary bud opens into gorgeous 5 inch blooms while secondary buds open slowly extending blooming period.				
500 No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
400 No. 1½	1.12	1.00	.96	.88
Blossomtime, (8.3). Patent No. 1240. (Retail \$2.50 each; 3 or more \$2.20 each.) This new, continuous blooming climber produces perfect flowers with inner petals deep pink opening to satiny pink. Good substance, fragrant, hardy and free blooming.				
800 No. 1	1.40	1.25	1.20	1.10
600 No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED CLIMBERS—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Climg. Crimson Glory, (8.3). Patent No. 736. (Retail \$2.75 each; 3 or more \$2.40 each.) Climbing form of the outstanding hybrid tea, producing an abundance of perfectly formed crimson colored blooms.				
400 No. 1	\$1.50	\$ 1.37½	\$ 1.30	\$ 1.20
800 No. 1½	1.20	1.10	1.04	.96
Don Juan, (8.2). Patent No. 1864. (Retail \$3.00 each; 3 or more \$2.65 each.) A pillar rose bearing a constant display of deep velvety red, 5 inch flowers with delightful fragrance. Excellent for cutting. Large blooms, both singly and clustered.				
1100 No. 1½	1.32	1.20	1.12	1.04
Gladiator, (8.1). Patent No. 1524. (Retail \$2.75 each; 3 or more \$2.40 each.) Large, high centered, bright rose-red color. Dark green disease resistant foliage. Fragrant, everblooming.				
900 No. 1½	1.20	1.10	1.04	.96
Golden Showers, (7.3). Patent No. 1557. (Retail \$2.75 each; 3 or more \$2.40 each.) 1957 A.A.R.S. award winner. The first winter-hardy, ever-blooming Pillar and Climbing Rose that actually blooms from early spring until late fall. Often blooms on new wood. Long pointed buds open to high-centered 3½-4 inch, 25 to 30 petaled flowers of daffodil-yellow. Almost thornless, resistant to mildew and black spot.				
1200 No. 1	1.50	1.37½	1.30	1.20
1100 No. 1½	1.20	1.10	1.04	.96
Climg. Goldilocks, (6.9). Patent No. 1090. (Retail \$2.50 each; 3 or more \$2.20 each.) Everblooming. Ovoid shaped buds resembling miniature hybrid teas of rich golden yellow. Blooms in large clusters.				
500 No. 1	1.40	1.25	1.20	1.10
700 No. 1½	1.12	1.00	.96	.88
Climg. Peace, (7.2). Patent No. 932. (Retail \$2.50 each; 3 or more \$2.20 each.) Vigorous climbing form of the famous bush hybrid tea.				
700 No. 1	1.40	1.25	1.20	1.10
270 No. 1½	1.12	1.00	.96	.88
Spectacular, (7.6). Patent No. 1416. (Retail \$2.50 each; 3 or more \$2.20 each.) Orange-red color similar to Independence. Carries orange-red to spectrum red clusters of 4 inch flowers for a long time. Strong grower, up to 6 or 7 canes continuing higher second year.				
700 No. 1½	1.12	1.00	.96	.88



ROSES—Continued

BROWNELL SUB-ZERO ROSES

	10-20 Each	20-100 Each	100-250 Each	250-up Each
T Curley Pink, (7.8). Patent No. 842. (Retail \$1.85 each; \$18.00 per dozen.) Lovely two-toned pink blossoms forming a gorgeous bouquet on a single stem. Hardy and disease resistant.				
1200 No. 1½	\$.80	\$.72	\$.68	\$ ----
M Lily Pons, (...). White with pure yellow center.				
700 No. 1	1.00	.90	.85	----
400 No. 1½	.80	.72	.68	----
T Shades of Autumn, (6.3). A bi-colored beauty of red, yellow and blush pink.				
1200 No. 1	1.00	.90	.85	----
700 No. 1½	.80	.72	.68	----
M Tip Toes, (8.1). Patent No. 849. (Retail \$1.85 each; \$18.00 per dozen.) Long pointed bud. Delightful mixture of red, orange and pink tints. Sometimes streaked yellow. Sweet Fragrance.				
480 No. 1	1.00	.90	.85	----
700 No. 1½	.80	.72	.68	----
M V for Victory, (6.6). Large, very double yellow flowers of good fragrance.				
900 No. 1½	.80	.72	.68	----

BROWNELL SUB-ZERO HARDY CLIMBER

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Golden Pyramid, (...). Cadmium yellow. Very vigorous hardy climber.				
200 No. 1	\$1.00	\$.90	\$.80	\$ ----
400 No. 1½	.80	.72	.68	----

Our Rose storage is air conditioned with temperature and humidity thermostatically controlled — the most modern refrigeration and air conditioning equipment available.

HOW TO SUCCEED WITH POTTED ROSES

These suggestions are based on information supplied by customers who have successfully grown roses in pots for several years. As there is a wide difference in soil and climatic conditions, proper allowance must be made for any unusual conditions in your area.

1. When to Pot Roses

Arbitrary dates can not be established as this date is influenced by local weather, facilities to protect plants in leaf from damaging frosts, when you wish to start selling, etc. Unless you have facilities to protect from damaging frosts, bushes should not be forced into leaf before all danger of freeze damage is past.

2. Preparation Of Potting Soil

It is important that the soil drain well and not cake in pot. If you have good friable garden loam, use 4 parts dirt and 1 part (20% to 25% fiber (i.e., 1 part sphagnum peat or rotted cow manure). If your soil is too heavy, use 3 parts soil, 1 part sand or Terralite or Vermiculite, and 1 part fiber. To above, add 10 to 12 lbs. 5-10-5 fertilizer for each cubic yard of soil.

Mix well and run through a soil shredder.

3. Pruning Bushes

Prune tops to 6 to 8 inches above bud. Cut roots to 6 to 8 inches.

4. Planting Bush In Pot

Put 3 to 4 inches prepared soil in bottom of pot. Hold bush centered in pot with roots spread in all directions (but not folded). Fill pot 1/2 to 2/3 full of prepared soil and carefully tamp it firmly around roots. Fill pot to 1 inch from the top with firmly tamped soil. Bud should be at soil line or slightly higher.

5. Care Of Potted Bushes In Frames

Frames should be located in a sunny, well drained area protected from severe winds. Set pots in frames separated 2 to 4 inches on all sides to provide proper aeration. Soak well with water.

Cover frames with burlap which hangs well over edges and is fastened so winds will not disturb. Or, pack clean hay or straw firmly around top branches. Keep this burlap or hay moist at all times. Do not remove until eyes on most bushes begin to show green.

IT IS IMPERATIVE THAT HIGH HUMIDITY BE MAINTAINED UNDER BURLAP AND CANES ARE NOT PERMITTED TO DRY OUT.

6. Foliar Feeding After Foliage Appears

Excellent results are secured with the newer water soluble fertilizers applied as you water the plants. If used as directed on container, root and top growth are stimulated without damage.

EXTRA PROFITS

WITH PACKAGED NURSERY STOCK

Progressive Nurserymen everywhere are cashing in on this extra profit line. A "cash and carry" line with rapid turn-over and big net profits. Just the thing for your down-town Store, Sales Yard or in your office.

Aggressive, modern merchandising methods increase your gross sales and net profits. Let us help you!



Shrub

THE MOST COMPLETE LINE OF PACKAGED STOCK EVER OFFERED!

A complete selection of
the newest and best

PATENTED ROSES NON-PATENTED ROSES

Hybrid Tea (H.T.)
Floribunda
Climbing H.T.
Hardy Climbers

SHRUBS
HEDGE AND VINES
SHADE TREES
FRUIT TREES
BERRY FRUITS
PEONIES AND BULBS



Patented Rose

OUR 44 YEARS EXPERIENCE

in packaging Nursery Stock, enables us to offer you all the items in greatest demand, attractively and efficiently packaged to insure complete customer satisfaction and rapid turn-over without shrinkage losses. The fastest selling items, in the most attractive packages at low prices that appeal to your customers and insure big profits.

MOUNT ARBOR ROSES ARE GROWN IN NORTHERN CALIFORNIA

under ideal soil and climatic conditions. Rich new soil. Growth controlled by irrigation. Naturally ripened by frosts in late Fall. Carefully dug and graded under our supervision. Stored in our new, modern Rose Storage at Shenandoah, under refrigeration, which retains all the vitality in the bushes until late Spring.

Sell Mount Arbor Northern California grown rose bushes exclusively.

PEONIES

We offer our usual fine grade of 3 to 5 eye divisions clean, healthy, and strictly true to name, from plants not older than three years. As we do not use our fields for commercial cut flowers, you can depend on thoroughly rogued stock, and fine young plants. Available after September 15th.

The figures after the name of the variety imply the rating given these Peonies by the American Peony Society.

*INDICATES RECOMMENDED CUT-FLOWER VARIETIES

	Per 10	Per 100
Adolphe Rousseau , (8.5). Early mid-season. Dark velvety red with garnet hues.	\$ 5.50	\$ 50.00
Albert Crousse , (8.6). Late. Pink with faint salmon tints; rose-type flowers.	4.00	35.00
Anna Sass , (9.6.) Late mid-season. Delicate light pink toned orchid.	5.00	45.00
Benjamin Franklin , (8.1). Mid-season. Dark, rich crimson.	4.50	40.00
Brand's Magnificent , (8.2). A deep, dark red, mid-season.	6.00	-----
Charles McKellip , (7.8). Late mid-season. Bright red.	4.50	40.00
*Couronne d'Or , (8.2) (Crown of Gold) Late mid-season. Pure white with center petals tipped with red.	4.00	35.00
*Duchess de Nemours , (8.1) Early. Pure white.	4.50	40.00
E. C. Shaw , (9.1). Late mid-season. Light old rose toned flesh.	6.00	55.00
*Festiva Maxima , (9.3) Early. Pure white flecked with crimson.	4.50	40.00
*Floral Treasure , (7.5). Early. Clear even pale-lilac rose. Very free flowering.	3.20	28.00
Frances Willard , (9.1) Late mid-season. Exquisite blush changing to pure white.	5.00	45.00
Francois Ortegat , (6.7) Semi-rose type. Large deep crimson with brilliant golden-yellow anthers. Fragrant. Mid-season.	3.20	28.00
*Fulgida , (5.7). Semi-rose type. Ruby-red. Late mid-season.	3.50	30.00
Grover Cleveland , (8.2). Rose type. Very large, full dark crimson blooms. Late mid-season.	4.50	40.00
Henri Core , (...). Mid-season. Exquisite bright pink with delicate tint.	4.00	35.00
*Inspector Lavergne , (8.67). Early. Vivid crimson.	5.50	-----
James R. Mann , (8.7). Mid-season. Rose-pink, lightly streaked with crimson.	4.00	35.00
*Karl Rosefield , (8.8). Mid-season. Brilliant velvety -crimson blooms.	4.50	40.00
Kelway's Exquisite , (8.5) Mid-season. Bright rose-pink with prominent golden stamens.	5.00	45.00
*La Perle , (8.5) Mid-season. Pink in the bud opening to a creamy white, flecked with crimson.	4.00	35.00
Lillian Gumm , (8.8.) Mid-season. Apple blossom pink with brilliant shadings.	5.00	45.00
Louis Joliet , (...). Dark red, clear, and unfading. Produces an enormous number of double blooms on stiff stems. Early mid-season.	6.00	55.00
*Mme. de Verneville , (7.9) Early. Large white flowers with crimson marks.	4.00	35.00

PEONIES—Continued

	Per 10	Per 100
Mme. Ducl, (7.9). Mid-season. Bright silver pink with a shade of salmon and silver reflex.	\$ 3.50	\$ 30.00
Myrtle Gentry, (9.06). A beautiful late pink. The flower is perfect rose form. The stems are strong and hold the great flowers well above the foliage. This flower has the fragrance of a tea rose.	7.50	70.00
Philippe Rivoire, (9.2). Early. Very dark crimson with a blackish sheen.	11.00	100.00
Philomele, (7.7). Mid-season. Attractive, novel bloom of pink and yellow.	4.00	-----
President Roosevelt, (7.7). Mid-season. Very fine brilliant red.	4.00	35.00
Prince of Darkness, (7.5). Early. Deep red, almost maroon.	4.00	35.00
*Queen Victoria, (7.2) Early mid-season. Pure white.	4.00	35.00
Rachel, (7.9). Mid-season. Bright garnet shaded ruby-red.	4.00	35.00
Romance, (...). Mid-season. A very fine clear pink of out-standing merit.	5.50	50.00
*Sarah Bernhardt, (9.0). Mid-season. Apple-blossom pink with a silvery edge on petals.	4.50	40.00
Sarah K. Thurlow, (9.1) Very large delicate pink changing to pearly white, flushed pink in center. Long, strong stems. Very late.	5.00	-----
Sistie, (...). White, opening to a very definite pink. Late, sure to open, substance extra, and one of the strongest fragrance of any peony.	6.00	55.00
Solange, (9.27) Late. Rich creamy white, suffused with buff and delicate salmon-pink.	6.50	60.00
Souv. De Louis Bigot, (9.1). Mid-season. Vivid rich pink with a salmon undertone.	6.00	55.00
*Tourangelle, (9.4) Large blooms of pearl overlaid delicate shade of salmon-pink.	5.00	45.00
Walter Faxon, (9.3). Mid-season. Vivid salmon-pink.	5.50	50.00
PEONIES BY COLOR		
Pink	2.90	25.00
Red	2.90	25.00

JAPANESE AND SINGLE PEONIES

	Per 10	Per 100
Dia Jo Kuham, This variety produces blooms in clusters of 4 to 6 blooms per cluster. It is a deep pink with small, short yellow stamens.	\$ 5.50	\$ -----

MOUNT ARBOR CERTIFIED QUALITY BULBS

SPRING 1961 SHIPMENT

We offer an attractive Line of Packaged Bulbs in all wanted varieties. The registered box design is in three colors; with the large colored picture and label, in six colors. This is another Mount Arbor exclusive feature — not available elsewhere.

All "Certified Quality" varieties are of outstanding merit — The very best in each Group. Carefully selected for beauty and vigor, to insure complete customer satisfaction. For an attractive Nursery display, with maximum sales appeal, buy "Certified Quality" Roses, Peonies and Bulbs.

For further information in regard to varieties and prices, write for our special Packaged Nursery Stock Listing.

PACKAGED PEONIES

(See opposite page for illustration)

For Counter Selling In Stores, Sales Yards, Etc.
CERTIFIED QUALITY GIANT PEONIES

GROUP NO. 1 @ \$50.00 per 100

A group of finer, higher rated Peonies for customers that demand the best.

RED

625B Richard Carvel
626B Karl Rosenfield
627B Mary Brand

PINK

634B Walter Faxon
619B Sarah Bernhardt
629B M. Jules Elie

WHITE

623B Festiva Maxima

GROUP NO. 2 @ \$37.50 per 100

An excellent assortment of popular varieties, at a highly competitive low price.

RED

622B Felix Crousse
637B Prince of Darkness
630B Pres. Roosevelt

PINK

621B Edulis Superba
638B Reine Hortense

WHITE

628B Mme. de Vernville

Our "Certified Quality Giant Peony" is the finest package ever offered for counter selling — the best varieties in the most attractive package. The strong divisions are wrapped in moist peat and moisture proof Cellophane. The trade marked design, on the outer white wrapper, is printed in royal blue ink. Each package carries a 4-color picture produced from new, natural color photographs.

Shipping cases contain 50 packages. Please order in multiples of 10 of each variety with total order being a multiple of 50.

No. 50PB—Case of 50 Assorted Group No. 2 Varieties (25 red, 15 pink, and 10 white) @ \$18.75 per case.



Mount Arbor's Cellophane Wrapped Peonies

PACKAGED BLEEDING HEART

Packed 25 per case.

The same "Certified Quality Pack" as the illustrated Peony Pack above. A display of these "Certified Quality Peonies and Bleeding Heart, is an added feature to your sales of fall bulbs.

No. 649—BLEEDING HEART, OLD FASHIONED @ \$45.00 per 100

PERENNIALS

We are one of the largest growers of Hardy Perennials and Rock Garden Plants in the United States, devoting approximately 100 Acres of overhead irrigation system for the specialized production of this type of plant.

Our variety list is complete. Many new varieties are being included in this list—while we have many other varieties in the course of testing for future introduction. Our plants are, except as specified, field grown and properly transplanted to give necessary root development for high class landscape planting.

All perennials should be shipped by Express. They are very perishable, and should not be included in a freight shipment.

RG means adaptability for Rock Garden planting.

★Indicates New and Novelty varieties. These have all been thoroughly tested, and we can recommend them very highly.

ACHILLEA, Milfoil or Yarrow (RG)

Per 10 Per 100

★Millefolium Crimson Beauty. A very bright colored Yarrow, grows about 2 feet high.-----\$ 1.40 \$ 12.00

ACHILLEA

Per 10 Per 100

Gold Plate—Large flat heads of golden-yellow flowers on 3 to 4 feet stems. July-September.-----\$ 2.10 \$ 18.00

AQUILEGIA, Columbine. May-June. (RG)

Per 10 Per 100

Crimson Star—New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.-----\$ 1.80 \$ 15.00

Chrysanth L. S. Beautiful golden yellow flowers; blooms for two months.-----1.80 15.00

Long Spurred Blue Shades. Extra long spurs.-----1.80 15.00

Long Spurred Rose Queen. Rose shades.-----1.80 15.00

Long Spurred Snow Queen. Extra long spurs.-----1.80 15.00

McKana Giant Hybrids. 1955. All American winner. Large showy flowers with long spurs more widely flared than in other Aquilegias. Colors include white, cream and rose, yellow and red, yellow and violet. Flowers 3 to 4½ inches across with 3 inch spurs. Strong, free blooming plants 20 to 26 inches high. 2.10 18.00

Mrs. Scott Elliot's Long Spurred Hybrids. Finest of all long-spurred mixtures, striking colors and combinations. 3 ft. 1.80 15.00

Waller Franklin Hybrids Mixed. Superior to any strain of which we have knowledge. This blend contains many unique colors. 3 ft.-----1.80 15.00

PERENNIALS—Continued

ARTEMISA, Wormwood (RG)

	Per 10	Per 100
Silver Mound. Dwarf compact plant 4 inches tall and 12 inches in diameter. Fernlike foliage of bright silver gray.	\$ 2.40	\$ 20.00

ASCLEPIAS, Butterfly Weed (RG)

Tuberosa. Brilliant orange flowers, decorative seed pods. July and August. 18 in.	1.80	15.00
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ASTERS

DWARF VARIETIES (RG)

Profuse bloomers, truly dwarf, rarely exceeding one foot in height, and perfectly hardy. Blooms in September.

Nancy. Lively flesh-pink flowers literally cover this dwarf bushy plant in late September. 1 ft.	1.80	15.00
Peter Harrison. New beautiful rose pink. 15 inch mounds.	2.90	25.00
Snowsprite. Cushions of pure white flowers. Dwarf, compact and bushy. September. Height 1 ft.	1.80	15.00
Victor. The dwarfest of all, growing 9 inches tall, covered with good sized flowers of beautiful, clear lavender blue. Blooms early September.	1.80	15.00

NEW DWARF OREGON PACIFIC ASTERS

	Per 10	Per 100
Lavender Mist. Clearest lavender flowers that simply smother the plants in late September and early October. It always performs satisfactorily. 8 to 10 inches.	\$ 3.00	\$ 25.00
Persian Rose. Bright persian rose flowers on sturdy, shapely and floriferous plants, about 14 inches high. Blooms from around mid-August until mid-October.	3.00	25.00
Pink Bouquet. Beautiful clear pink of splendid habit. Always a mass of bloom on compact bushes 8 to 10 inches high. Early.	3.00	25.00
Serenade. A large flowered semi-dwarf variety, 15 to 18 inches high and about equally wide. The color is bluish-pink mauve, near light heliotrope, and when in full bloom, about mid-September, the semi-double flowers cover the foliage completely from top to bottom.	3.00	25.00
White Fairy. Florets are of more starry form and the color is near blush rather than pure white. Large attractive bush up to 12 inches high. Rather late.	3.00	25.00

UPRIGHT TYPES. Starwort or Michaelmas Daisy.

The following varieties of Upright Asters are new and improved varieties. Very large in bloom and extremely colorful.

Aquilla. Almost cone-shaped broad and upright. Grows about 24 to 30 inches high. The cone of green becomes a magnificent mass of lightest pale blue in autumn. The flowers are about 2½ inches across, semi-double, completely hiding the foliage.	\$ 2.90	\$ 25.00
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Per 10 Per 100

PERENNIALS—Continued

ASTERS—Continued

	Per 10	Per 100
Alaska. Pure marble-white without any tinting; unquestionably the finest and purest white Aster offered. Flowers are big 2½ inches across and give a ray-like effect with double layer of flower petals. Makes a fine upright plant about 24 to 30 inches tall, quite rounded but completely covered with flowers when in bloom.	\$ 2.90	\$ 25.00
Mt. Everest. Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growths, which flower right down to the ground. Very small eye. 3 to 4 ft.	2.10	18.00
★ Palmyra. The best pink of Novi-Belgii type. A very hardy vigorous growing aster with masses of semi-double pure pink flowers which make perfect pyramids on sturdy stems in mid-September to frost. 3 to 4 feet.	2.10	18.00
Sunset. A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. 36 inches tall. ..	1.80	15.00

BUDDLEIA, Butterfly Bush, (See Shrubs).

CAMPANULA, Belleflower.

Calycanthema (Cup and Saucer.) In separate colors, Blue, Rose and White. Tall, erect plants covered with large cup and saucer shaped flowers during late May and June. A perfect plant for the old fashioned, hardy garden.	1.40	12.00
Medium (Canterbury Bells.) In separate colors, Blue, Rose and White. June. 2 ft.	1.40	12.00

PERENNIALS—Continued
CHRYSANTHEMUMS

We supply 2½ inch pot plants on all varieties of Chrysanthemums.

RECENT INTRODUCTIONS

(The Chicago Strain)

	Per 10	Per 100
CROWN JEWEL. A 3 inch, currant-red flower with a brilliant sheen. Strong sturdy, free blooming through October.	\$ 2.10	\$ 18.00
HEARTHFIRE. Bright red flowers, showing a small yellow center when fully open. Ideal for cutting. Double. Early September.	1.80	15.00
MALINDA BROWN. A magnificent clear self lavender-pink. Flowers globular, mounted to center; petals strongly incurved and twisted. Very strong and healthy.	2.10	18.00
MYRTLE WALGREEN. Rich amaranth-purple underlaid with silvery lilac, aging to clean clear mallow-purple. Fine for cut flower. Blooms in late September.	2.10	18.00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

	Per 10	Per 100
ADORABLE. Clear bright rose-pink with salmon reverse. Large flower, early and dependable bloom.	\$ 2.90	\$ 25.00

AK-SAR-BEN

	Per 10	Per 100
Introduced by the North Platte, Nebraska Experimental Station. Quilled flower form, good for cutting and arranging. Flowers borne singly or in loos clusters. Flower heads range from 3 to 5 inches across. Color suntan overlaid rose. Late August.	\$ 5.00	\$ 45.00

	Per 10	Per 100
CHIPPEWA. Gorgeous, bright aster-purple, slightly incurved. Does well in the North.	\$ 2.10	\$ 18.00
DELIGHT. Large, perfect flower of golden-yellow. Excellent plant and foliage. We consider this the best early Yellow.	2.10	18.00
EARLY WHITE. Extra early cream-white. Fine texture and habit. August 28.	2.10	18.00
EVELYN DEVANEY. Delicate pearly shell-pink flowers on long strong stems. A new color in Mums. September 26.	2.10	18.00
FOOTBALL BRONZE. An extremely early, large flowering, incurved bronze. Very tall, strong, upright plant.	2.90	25.00
GOLDEN FANTASY. Bright golden carnation-flowered Mum. Tubular petals are three pronged and forked. Completely different. September 20.	2.10	18.00
PURPLE WATERS. Our best early deep purple. 24 inch plant smothered with blooms.	2.10	18.00
PRAIRIE SUNSHINE. Our earliest good brilliant yellow in bloom from late August to October. Wonderful. September 4.	2.10	18.00
WHITE CLOUD. Large feathery, pure white. Strong plant. We consider this the most satisfactory of all white Mums for garden planting.	2.90	25.00
WHITE SAIL. 3 inch heavy textured white, with slight cream center. Clean, vigorous, branching growth. Very best mid-season white. September 23.	2.10	18.00

PERENNIALS—Continued

CHRYSANTHEMUMS—Continued

NEWER OUTSTANDING BUTTON POMPON

	Per 10	Per 100
EARLY CRIMSON. Brilliant sparkling jewel-like pompon flowers of bright crimson on stiff, upright plants.	\$ 2.40	\$ 20.00
EDNA ROWLEY. A multitude of lavender-pink, ruby eyed buttons. Excellent for cutting and arrangement. Our most prolific bloomer. Sept. 26.	2.10	18.00
FIELDS OF SNOW. Pure white with yellow center. 1½ ft.	2.10	18.00
JEWELL TONE. Sparkling bright rose-pink pompon. Excellent for pots or short stemmed cuts. Really a jewel.	2.50	22.00
LEMON DROP. A yellow button pompon with a slight green overtone radiating from the center. Extra fine foliage and habit.	2.10	18.00

CUSHION CHRYSANTHEMUM

Sometimes called "Million Mums." A group of low growing Chrysanthemums, forming mounds of blooms, reminding one of the old-fashioned Azalea. The plants grow about 10 to 12 inches high. Our stock is of improved strains. Most varieties begin blooming late in August and bloom until frost.

	Per 10	Per 100
CUSHION BRONZE. Beautiful coppery-bronze cushion. Color lightens with age.	\$ 1.90	\$ 16.00
CUSHION GOLDEN MOUND. Excellent golden yellow cushion. Numerous 2 inch flowers on short, dark green branches.	2.10	18.00
CUSHION LIPSTICK. New 1955. We think that this will be the leading red of the future. As its name implies, the brilliant red colors are real eye-catchers. Mid-season cushion.	2.10	18.00
CUSHION POWDERPUFF. A miniature avalanche of ivory-white flowers produced on a low mound-like, cushion plant.	2.90	25.00
CUSHION ROSE. Flowers open to a deep, orchid pink, then change to a light orchid with a creamy center, finally salmon-pink with soft yellow center.	1.90	16.00
CUSHION ROUGE. A far superior red semi-cushion. Intense red flowers show a small bright yellow center when matured. ..	1.90	16.00
CUSHION TWINKLE. We know no finer fushia-purple cushion.	2.90	25.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy

	Per 10	Per 100
Alaska. Large white flowers. June to August. 2 ft.	\$ 1.40	\$ 12.00
Diener's Double White. Recent development of full, shaggy double flowers of glistening white. Hardy, robust grower. Early. 2½ to 3 ft.	1.80	15.00
★ Diener's G. Marconi. New giant double, ever flowering.	1.80	15.00
Gluckstern. Giant white flowers. 2 ft.	1.40	12.00

DELPHINIUM ENGLISH HYBRIDS

BLACKMORE & LANGDON. 4 to 5 feet. Semi-double and double blooms in shades of blue, lavender, and purple.	1.80	15.00
WREXHAM GIANT STRAIN. This English strain is one of the finest developed in the Delphinium family. Enormous flowers on solid erect spikes. Color delicate shades of the blue mauve and pink.	1.80	15.00

DELPHINIUM MISCELLANEOUS VARIETIES

	Per 10	Per 100
BELLADONNA CLIVEDON BEAUTY. Beautiful sky-blue, from carefully selected strain, to keep it absolutely true to type. Blooms in July and again in September. 4 to 5 feet.	\$ 1.80	\$ 15.00

PERENNIALS—Continued

DELPHINIUM—Continued

	Per 10	Per 100
BELLAMOSA IMPROVED. A reselected strain of the standard deep blue.	\$ 1.80	\$ 15.00
SAPPHIRE. This fine strain is a hardy improved Formosum type, a shade lighter and brighter than Bellamosum with a golden bee. Possesses immense florets and is an excellent florist item.	1.80	15.00

DIANTHUS NEW CARNATIONS

	Per 10	Per 100
June Carmine. A beautiful shade of bright carmine pink with the spicy fragrance of the old clove pinks. It has carnation like foliage. The flowers are fully double, on 12 to 15 inch stems.	\$ 2.90	\$ 25.00
Spotlight. Really a grand thing. Very hardy, 15 inch plant, literally alive with fully double, fragrant 1½ inch carnations of rich crimson-vermilion. A steady bloomer and clean grower.	2.90	25.00

DIANTHUS GRENADIN CAROPHYLLUS

This is the hardiest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stems. The finest of varieties.

	Per 10	Per 100
Golden Sun. Early flowering, very double, large clear yellow flowers.	\$ 1.80	\$ 15.00
King of Blacks. Deep maroon. Almost black.	1.80	15.00
Rose Queen Triumph. Deep pink.	1.80	15.00
Scarlet. Rich scarlet. Extra large flowering.	1.80	15.00
White. Clear white. Complete double. Extra fragrant.	1.80	15.00

DIANTHUS HEDDEWIGI

(Japanese Pinks)

	Per 10	Per 100
Fireball. Very double deep scarlet, splendid.	\$ 1.80	\$ 15.00

DIANTHUS PLUMARIS HARDY GARDEN PINKS

	Per 10	Per 100
★ Scoticus. Double. Special strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.	\$ 1.80	\$ 15.00
Semperflorens. (Perpetual Flowering). Separate colors, rose or pink. Blooms all summer. 18 in.	1.40	12.00
Spring Beauty. (Semperflorens). Extra double Florist Strain mixed colors.	1.80	15.00

PERENNIALS—Continued

DICENTRA

	Per 10	Per 100
EXIMA (Fern Leaved Bleeding Heart.) Rose colored flowers produced all summer. 12 inches.	\$ 2.10	\$ 18.00
SPECTABILIS (Old Fashioned Bleeding Heart.) Graceful heart shaped flowers, rose pink. May-June. 1 to 2 feet. 3 to 5 eye plants.	4.50	40.00
FERNS, Hardy Outdoor (RG).	2.10	18.00
Goldie's Wood. (Aspidium). Evergreen Variety. 2 ft.		
Interrupted (Osmunda Claytoniana). Found in rather dry, shaded places. Does well under cultivation and in boxes. 3 ft.		
Maiden Hair (Spleenwort Asplenium Tricomaneis). Most attractive of our Native Ferns. Black stems with delicate green fronds. Likes moist spots. 2 ft.		
Ostrich Plume (Onoclea Struthiopteris). Very graceful with finely cut pinnules. 2 to 3 ft.		
FUNKIA GLAUCA, Hosta. (R. G.) A very fine species with large blue-gray leaves. It develops into a stately, handsome foliage plant for the open border and is superb in shady places.	2.10	18.00
GAILLARDIA, Blanket Flower (RG)		
Burgundy. Shining deep wine red showing practically no yellow.	1.80	15.00
Dazzler. Large golden yellow and maroon flowers on strong wiry stems. 14 to 18 inches in length.	1.80	15.00
Grandiflora Yellow Queen. Yellow 2 ft.	1.80	15.00
GYPHOPHILA, Baby's Breath.		
Paniculata Compacta. Pinkish white. July 2 ft.	1.20	10.00
★Rosy Veil. Produces quantities of blossoms of soft delightful pink. Spreading plant about 1½ ft. in height, flowering very freely in July and more or less throughout the summer. Excellent for cutting.	2.90	25.00
Snow White Double. Pure white strain, 2 ft.	1.80	15.00

OLD FASHIONED KITCHEN HERBS

	Per 10	Per 100
Chives. Wild Onion. Finely chopped leaves give a delicious flavor to salads.	\$ 1.40	\$ 12.00
Horseradish. A condiment used in seasoning meats. 3 inch cuttings.	.45	4.00
Crowns.	.80	7.50
Sage. Old Fashioned. Used for seasoning sausages and dressing.	1.40	12.00

IRIS

IRIS VESPER

	Per 10	Per 100
Dichotomah (August or Vesper Iris.) Fragrant flowers on tall branching sprays. From July to September. Cream to violet-purple markings of various colors.	\$ 1.40	\$ 12.00
LATHYRUS LATIFOLIUS, Perennial or Everlasting Pea. This lovely trailing plant blooms all summer. In separate colors. Crimson King. Rose Queen. White Queen.	1.40	12.00

PERENNIALS—Continued

	Per 10	Per 100
LINUM, Hardy Flax.		
Perenne Blue. An attractive, bushy plant with pretty pale blue flowers during June and July.	\$ 1.40	\$ 12.00
LYCHNIS, Champion (RG)		
Chalcedonica (Maltese Cross). vivid scarlet flowers. 36 inches. ...	1.80	15.00
LYTHRUM		
★Morden Pink. Unending summer spires of bright rose pink garnish any border, plant lives indefinitely. Fully weather-proof.	2.40	20.00
★Morden Rose. Height 3½-4 feet. Plant shapely and neat. Foliage abundant, dark green and glossy. Flowers are rich rose-red and sunworthy, being the brightest color yet seen in Lythrum plants at the Morden Experimental Station.	2.90	25.00
★Prolific. An established plant will produce 20 or more upright flower spikes about 30 inches tall. The flowers are best described as Persian-rose, clearer in color than the other varieties. They are excellent for cutting. The plant thrives well in wet soil.	2.10	18.00
Robert. Best dwarf, only 18-24 inches tall, bearing deep rosy spikes.	2.40	20.00
★The Beacon. A very showy variety, has neat long-lasting spikes of large clear, deep-carmine flowers, followed with side spikes almost to the ground. Interesting foliage, blooms from July till frost. 2 feet.	2.10	18.00
PACHYSANDRA TERMINALIS, Japanese Spurge.		
Ground covering plant, averaging 6-8 inches in height and branching freely into a dense mat. Practically evergreen. Splendid for steep slopes in the shade and for dense shade under any kind of tree. Well established 2 year, 3 inch pot plants.	2.40	20.00
PENTSTEMON, Beard Tongue, Hardy.		
★Pink Beauty. Color is a lovely clean shell-pink. A charming cut flower; one of the outstanding new and good plants. Flower spikes 30 in.	2.10	18.00

PHLOX

PHLOX PANICULATA

For a good many years we have made a specialty of growing Phlox. These Phlox that we are offering are strong one year field grown plants. Shipment can be made any time after the 15th of October.

	Per 10	Per 100
Apollo White. Splendid white with large individual flowers.	\$ 2.10	\$ 18.00
Apple Blossom. One of the loveliest of all the pastel shades. Soft apple-blossom pink, 2-2½ inch florets. 2½-3 feet tall.	1.80	15.00
Brigadier. Brilliant orange red.	2.10	18.00
Caroline Vandenberg. Large clear lavender blue clusters with big florets.	2.10	18.00
Cecil Hanbury. Brilliant dark salmon-pink, carmine eye.	2.10	18.00
Charles Curtis True. Flashing trusses of deep, clear, red. One of the best red, we believe.	2.10	18.00
Cinderella. Rose-pink with very small darker eye, practically a self colored pink, compact grower.	2.10	18.00
Columbia. Delicate cameo-pink with faint blue shading at center. ...	2.10	18.00
Daily Sketch. Large trusses of lustrous pink with crimson-rose eye. Very large, single florets measure 2½ inches across. 3½ ft.	2.10	18.00

PERENNIALS—Continued

PHLOX—Continued

	Per 10	Per 100
Elizabeth Arden. A fine phlox, particularly desirable because of its free flowering qualities. Heavy bloom trusses are soft pink with a pale pink ring around the red eye. Grows about 24 to 30 inches high.	\$ 2.10	\$ 18.00
Eva Forester. (Also Known as <i>Salmon Beauty</i> .) Giant bright salmon rose flowers with light centers. 10 inches tall.	1.80	15.00
Esquire. Branchy panicles of large flowers; deep rose-pink flushed crimson at floret centers. Plant strong growing medium to tall with rich green foliage. Very beautiful new variety.	2.10	18.00
Fuchsia. A purplish blue.	2.10	18.00
Goliath. Large royal scarlet.	2.10	18.00
Lynette. The flowers are produced on tall stem in well formed panicles. The color is glowing salmon-pink with outstanding effectiveness. An early and continuous bloomer.	2.10	18.00
Nana Coerulea. Mauve, white starred center. 2-2½ ft.	2.10	18.00
Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.	2.10	18.00
Prime Minister. Extra large florets of clean white with violet eye the best of the bi-colored whites.	1.80	15.00
Ruby Lee. Extra large plum-red flowers. Medium height.	2.10	18.00
Rosy Blue. Soft lavender-blue with delicate pink undertones. Never a sign of objectionable purple or violet tinting. The florets are large and grow in fine big clusters.	2.10	18.00
Starlight. Rich violet, with an almost perfectly shaped white star in the center.	2.10	18.00
Tenor. A bright red only 2 ft. high, blooms very early.	2.10	18.00
Thunderbolt. Brilliantly animated tangerine-scarlet overlaid salmon orange. Huge florets, eyes like rouge. Wanton splash of color. 2½ ft.	2.90	25.00
White Admiral. A lovely new white variety with huge trusses of bloom, medium height.	2.10	18.00
World Peace. Pure white. Strong, vigorous grower. Free blooming. Early.	2.40	20.00

PHLOX SUBULATA, Moss or Mountain Pinks

An early spring flowering type with pretty mosslike, evergreen foliage, which during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground.

	Per 10	Per 100
Atropurpurea. The same habit of growth as the well known Phlox Subulata Rosea. The flowers are deep carmine-red making a most brilliant display.	\$ 1.80	\$ 15.00
★ Blue Emerald Cushion. New blue, with mats of lovely emerald-green foliage.	2.10	18.00
Pink Emerald Cushion. A close compact foliage. Extremely floriferous, it has the longest blooming season in the family. Florets of unusual size, color a pure, unbleached pink.	2.10	18.00
Rosea. Rose-pink. Fine for covering banks, thrives in hot dry situations, and blooms profusely.	1.80	15.00
Scarlet Flame. Reddest of the creeping phlox. Flowers of nicely, rounded petals of bright scarlet red, cover 4-6 inches of mounds of foliage.	2.10	18.00
Vivid. Bright pink with darker eye. Very lovely.	2.10	18.00
White Cushion. A vigorous grower. Pure white.	1.80	15.00

PERENNIALS—Continued

	Per 10	Per 100
PLATYCODON, Balloon Flower (RG)		
Mariesi Blue. A beautiful dwarf species, with broad, thick foliage and large, deep violet-blue flowers on 12-inch stems in great profusion throughout the entire summer. Plant in front of the border or in the rock garden.	\$ 1.80	\$ 15.00
Mariesi White. White flowered form of the above.	1.80	15.00
PLUMBAGO		
Larpentae. One of the most desirable border and rock plants. It is a dwarf spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during late summer and fall.	2.10	18.00
PYRETHRUM, Painted Daisy (RG)		
Extra select double mixed. An attractive mixture.	1.80	15.00
James Kelway. Bright vermilion red with yellow center. Very showy. Excellent cut flower.	1.80	15.00
Robinson's Dark Crimson. Single, large, disk-like flowers of rich crimson-red. Grows well and flowers freely. A favorite with florists for cutting.	1.80	15.00
Robinson Rose. Single, large, disk-like flowers of bright pink.	1.80	15.00
SEDUM, Stone Crop or Live Forever (RG)		
America's Greatest Rock Plant. Thick glaucous leaves, very hardy, drought resisting. Very adaptable, dwarf varieties indispensable in rock gardens, the medium and taller varieties good in perennial borders.		
Album. Dwarf and spreading, thick waxy round foliage. White flowers. July. 6 inches.	2.10	18.00
Kamtschaticum. Orange-yellow flowers with prostrate green foliage turning golden in autumn.	2.10	18.00
Spurium Roseum. Purplish-red. July and August. 6 inches.	2.10	18.00
STOKESIA, Cornflower Aster.		
Blue Danube. New, a very free blooming variety with large lavender blue flowers during early summer months. Compact, bushy growth with many blooms. 18 inches high.	2.50	22.00
★Blue Moon. Large and free flowering. Perfectly hardy. Vivid blue disk-like flowers. Blooms throughout summer and autumn. Flowers five or six inches in diameter. 12 to 18 in. tall.	2.10	18.00
TRITOMA, Kniphofia, Red Hot Poker (RG)		
This perennial needs winter protection in Northern latitudes. Blooms from July to October. Color ranges from Orange to deep coral. This is an outstanding perennial.		
★Gold Mine. Soft amber tinted gold is the color of this fine hybrid. The flower spikes are 30 in., 10 or more on one plant. Blooms from July to Sept. Its stateliness and coppery color effect makes it outstanding in the garden.	2.40	20.00
Pfitzeriana. This is the genuine Red Hot Poker. Rich orange-scarlet blooms on stems 3 feet high. Must be grown from divisions. August to October.	1.80	15.00
★Primrose Beauty. The spotless primrose-yellow spikes are unique for their grace as well as their delightful color. The spikes are 30 inches tall, lending an unusual charm to the border. June-July.	2.40	20.00
VERONICA, Speedwell (RG)		
★Crater Lake Blue. Long airy spikes like the blue spires of fairyland. A sure touch of cool blue for the border. Plants grow 20 inches tall, do well in either full sun or partial shade.	2.10	18.00
Icicle. New. A beautiful new pure white form of the Subsessilis type, blooms nearly all summer, healthy strong grower of neat growth and stiff 18-24 inch spikes on compact plant.	2.10	18.00
VINCA MINOR		
Bowles Variety. An excellent ground-cover plant with dark green glossy leaves and blue flowers.	2.40	20.00

NEW PFITZER DWARF CANNAS

A most excellent item to add new interest to your sales line. These new varieties have large showy flower heads; fine clear color tones, bushy, strong plants; grow normally about 30 inches tall. Ideal for the low, modern ranch-type house; and provides a glorious display from spring to frost. Disease free. No special cultural requirements. Should fulfill the demands for the ever-growing market of dwarf plants.

Per 10 Per 100

PFITZER'S CHINESE CORAL

Exciting tones of pink, fresh and bright colors. Plants look bright at all times, as blossoms tend to shed cleanly. -----\$ 4.50 \$ 40.00

PFITZER'S SALMON PINK

Beautiful combination of luminous buff to salmon. Flower heads very large. Strong grower, with bluish-green ornamental foliage. ----- 4.50 40.00

CANNAS

Per 100 Per 1000

Our Cannas are all strong 3 to 5 eye divisions, properly matured and cured so as to give you the best possible results.---\$ 8.00 \$ 75.00

PINK FLOWERS WITH GREEN FOLIAGE

★**City of Portland.** Large blooms in good sized clusters, medium rose-pink, strong stems well above the green foliage. One of the best pinks. In recent years some growers seem to be confused and are shipping Hungaria for City of Portland.

Hungaria. One of the finest pinks, green foliage. 4 ft. tall. Large heads of peach pink. Our choice of pink cannas.

RED FLOWERED WITH GREEN FOLIAGE.

The President. 4 ft. tall. Glowing scarlet, blue-green foliage. Extra large trusses of brilliant color. The finest Red Canna of today. The foliage is entirely free from disease.

YELLOW FLOWERS WITH GREEN FOLIAGE

Richard Wallace. Fine yellow variety. Large canary yellow flowers 4 to 5 inches in diameter. Green foliage. Medium height, 3 to 4 feet.

Yellow King Humbert. 5 ft. tall. Deep rich yellow, heavily spotted and flecked with deep red. Green foliage.

BRONZE FOLIAGE VARIETIES

Red King Humbert. 5 ft. tall. The grandest Canna ever offered, a king in reality. The heart-shaped leaves are purple-madder over-bronze. The plants are crowned with immense heads of orchid-like velvety orange-scarlet, rose-tinted and blossoms incomparably beautiful.

Wyoming. 5 ft. Purple foliage. True-orchid flowering variety with magnificent orange colored flowers.

★Variety Prices \$9.00 per 100; \$85.00 per 1000.

LILIES

Our production of Hardy Lilies has been increased considerably in the last few years. Most of our Lilies are grown here at Shenandoah. Sizes specified indicate circumference of bulb. All of our bulbs are flowering size.

	Per 10	Per 100
AURATUM. The Gold Banded Lily. For size of bloom, number of flowers and fragrance, there is no equal. When this lily is established, stems from 4 to 6 feet with 5 to 15 flowers appear in late August and September. Wax-like with a band of gold from petal tip to throat with crimson spots.		
7 to 9 inches.....	\$ 2.40	\$ 20.00
ELEGANS ATROPURPUREUM. Deep red shaded crimson, large flowers. Splendid for bedding. Height 12 to 15 inches. Blooms		
5 to 7 inches.....	2.10	18.00
ESTATE. Large, fragrant pure white flowers. Blooms mid-summer. Medium height.		
6 to 7 inches.....	3.00	25.00
HENRYII. (The Golden Speciosum). Flowers Golden Yellow, 5 to 6 inches tall. Blooms in Aug. and Sept. Plant 8 to 10 inches deep.		
6 to 8 inches.....	2.40	20.00
REGALE. Our Regale Lilies are an improved type grown by seed selection, extra large white flowers suffused pink with creamy yellow throat. Very fragrant blooms in July. Planting depth 5 inches.		
4 to 5 inches.....	1.00	8.00
5 to 6 inches.....	1.70	14.00
6 to 8 inches.....	2.10	18.00
SPECIOSUM RUBRUM. White back-ground, pink dots and shading of pink to carmine. Blooms in Sept. Grows 3 to 5 feet tall. Plant 6 to 8 inches deep.		
6 to 8 inches.....	2.90	25.00
TENUIFOLIUM. (Coral Lily). Bright Cherry Red blossoms. Some times called the gayest of red Lilies. Height 12 to 24 inches. Blooms in June. Plant 4 to 5 inches deep.		
No. 1 flowering size.....	1.00	8.00
No. 2 flowering size.....	.70	6.00

MISCELLANEOUS BULBS

	Per 10	Per 100
TUBEROSES (RG), Mexican. This is the best of all Tuberoses. Single flowering variety, very fragrant. Blooms July-August.		
No. 1 size.....	\$.80	\$ 7.50

Cetrified Quality BULBS

IN DECORATIVE BOXES

Size of Glad Box—10" x 3" x 2"

Size of Other Boxes—9" x 4½" x 2½"

Picture and Label in 6 lovely colors on attractive Box in 3 colors.

DAHLIAS

3 Tubers per box

PRICE — \$65.00 per 100 Boxes

Each Tuber is wrapped in waxed tissue and labeled

- No. 700 AVALON—canary yellow
JERSEY BEAUTY—Clear pink
CRIMSON KING—rich red
- No. 701 JANE COWL—copper yellow
GALLANT FOX—scarlet
WHITE KING—white
- No. 702 ROSE GLORY—orchid pink
SULTAN OF HILCREST —
yellow
RED BEAUTY—dark red
- No. 703 RUBY TAYLOR—carmine red
PINK LADY—rich pink
GOLDEN GODDESS—yellow
- No. 704 FAIRY—vivid pink Pom Pon
CATHERINE—yellow Pom Pon
BOBBY—rich red Pom Pon

CASE NO. AD—\$32.50 per case.

50 Boxes assorted varieties

OTHER BULBS

Per
100
Boxes

3 Bulbs per Box

- \$55.00 745 Regal Lily, white
- 55.00 754 Tuberose, white (4 per)
- 55.00 751 Henryi Lily, yellow
- 55.00 747 Red Devil Lily, red
- 65.00 749 Rubrum Lily — tall pink
flecked red with petals edged
white
- 65.00 750 Auratum — white with gold
band

GLADIOLUS

10 No. 1 Bulbs per Box

PRICE — \$55.00 per 100 Boxes

- No. 715 MIXED COLORS
- No. 716 RED DRAGON—dark red
- No. 717 RED PHIPPS—bright red
- No. 718 GOLDEN CHIMES—yellow
- No. 719 WINGS OF SONG—pink
- No. 720 MINUET—lavendar
- No. 721 WHITE GOLD—creamy white

CASE No. AG—\$27.50 per Case.

50 Boxes Assorted Varieties

CANNAS

3 Roots per Box

PRICE — \$55.00 per 100 Boxes

- No. 735 PRESIDENT CANNA—red
- No. 736 KING HUMBERT—red
- No. 737 CITY OF PORTLAND—pink
- No. 738 RICHARD WALLACE—yellow
- No. 739 APRICOT QUEEN—apricot
- No. 740 MME. CROZY—red & yellow

CASE No. AC—\$27.50 per Case.

50 Boxes Assorted Varieties

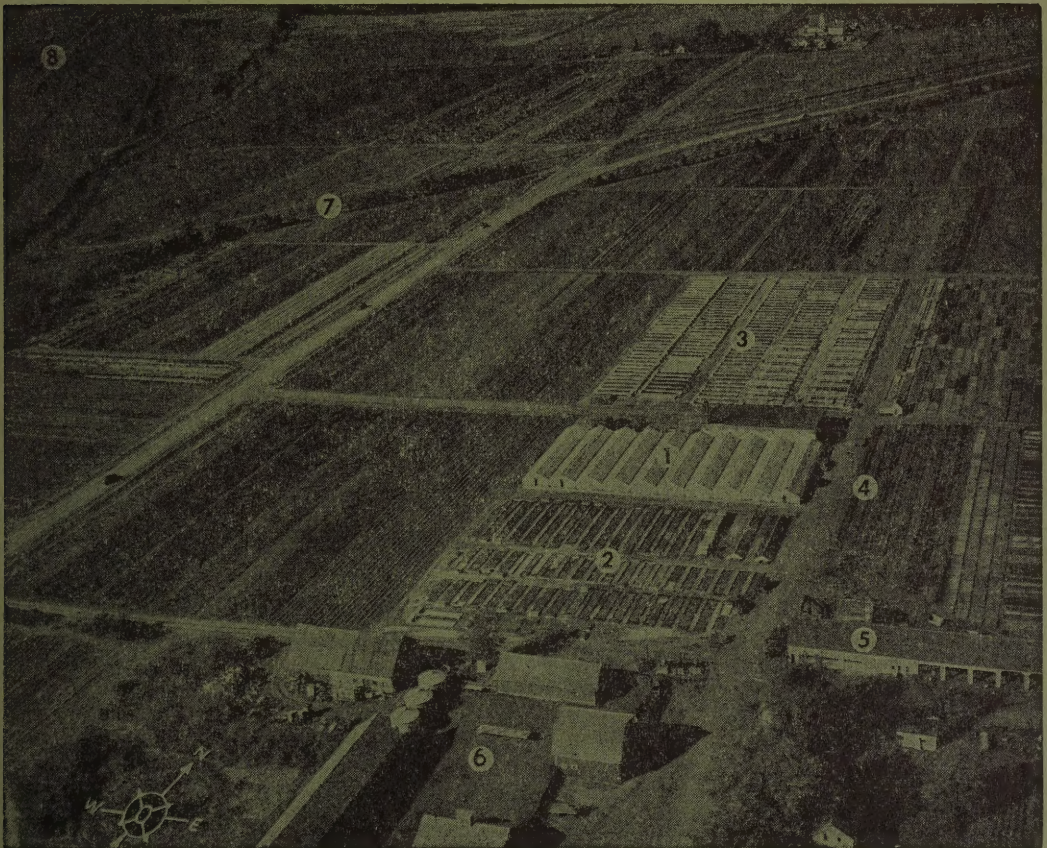
HOW TO ORDER

Order each Group in multiples of 50 Box—i.e., 50 Boxes of Dahlias, 50 Boxes of Gladiolus, 50 Boxes of Lilies, etc. Individual numbers should be ordered in multiples of 10—i.e., 10 No. 700, or 20 No. 702, etc., for an assortment of the best selling numbers in Dahlias, Cannas, or Glads, order the Assorted Cases offered above. May be shipped Rail or Truck Freight after danger of freezing in transit is past; but, Express shipment is recommended.

Facilities at Shenandoah

As one of the world's largest wholesale growers of Nursery Stock, we operate the largest, most modern facilities for propagation. All proven methods are used. Some plants are started from seeds. Others by rooting cuttings. While others are propagated by grafting.

This is an air-view of part of the 132 acres under irrigation in our propagation facility. The plants are propagated in our 14 big Greenhouses and/or in the 550 Cold Frames pictured below. Millions of other Perennials, Shrubs, Shade Trees, etc., are started from seeds in the 118 acres of open beds pictured. After 1 year, most plants have developed enough roots for safe transplanting to our 1950 acres of Nursery fields here.



- | | | |
|---------------------|---------------------------|-----------------|
| 1. 10 Greenhouses. | Capacity 1,000,000 Plants | 5. Machine Shop |
| 2. 240 Cold Frames. | Capacity 1,000,000 Plants | 6. Mule Barns |
| 3. 310 Cold Frames. | Capacity 2,000,000 Plants | 7. C.B.&Q.R.R. |
| 4. Test Plots | | 8. Wabash R. R. |

INDEX

Name	Page	Name	Page	Name	Page
-A-		-F-		-P-	
Acanthopanax	29	Ferns	88	Pachysandra	89
Almond Flowering	29	Flowering Cherry	16	Peach	8
Althea	29	" Crab	16-17-18	Pear	6-7
Amelanchier	29	" Peach	26	Pear Dwarf	7
Ampelopsis	47-48	" Plum	27	Pear Seedlings	11
Apple	3-4-5	Forsythia	35-36	Pecan	14-25
Apple Seedlings	11	Fruit Tree Stocks	11	Pentstemon	89
Apricots	9	-G-		Peonies	78-79-80
Aquilegia	82	Gaillardia	88	Perennials	82-81
Arbor Vitae	50-55	Gladiolas	94	Philadelphus	39-40-41
Aronia	29	Gooseberries	10	Phlox	89-90
Artemisa	83	Grape Vines	9	Physocarpus	41
Asclepias	83	Gypsophila	88	Pine	55
Ash	12-15	-H-		Platycodon	91
Asparagus	10	Hackberry	13-20	Plum	7-8
Asters	83-84	Hamamelis	36	Plumbago	91
-B-		Hazelnut	33	Plum Seedlings	11
Baby's Breath	88	Hedera Helix	49	Polygonum	49
Barberry	29-30-47	Hedging	47	Poplar	25
Birch	15-16	Highbush Cranberry	46	Privet	41-42
Bittersweet	48	Honeylocust	13-20-21	Prunus	6-14-25-26-27
Blackberries	10	Honeysuckle	36-37	Pyrethrum	91
Bleeding Heart	48	Honeysuckle Vines	49	-Q-	
Boston Ivy	48	Horseradish	10-88	Quince Flowering	34
Box Elder	12-22	Hydrangea	37	-R-	
Boxwood	30	Hypericum	38	Raspberries	10
Buddleia	31-32	-I-		Red Bud	14-27
Bulbs	92-93-94	Ilex	38	Rhodotypos	42
Butterfly Bush	31-32	Iris	88	Rhubarb	10
-C-		-J-		Rhus	14-42-43
Calycanthus	32	Juniper	50-55	Ribes	43
Campanula	84	-K-		Rose	43
Cannas	92-94	Kerria	38	" Acacia	43
Caragana	12-32	-L-		" Climbing	60-61
Caryopteris	32	Lathyrus	88	" H. P.	57
Catalpa	12-16	Lilacs	38-39	" H. T.	56-57
Celastrus	48	Lilies	93-94	" Misc.	58-59
Cherries	5-6	Linden	21-22	" Polyantha	58
Cherry Seedlings	11	Linum	89	" Patented	62-75
Chestnut	16	Locust Black	13	" Rugosa	58-59
Chionanthus	33	Locust Flowering	43	Russian Olive	14-47
Chives	88	Lychnis	89	-S-	
Chrysanthemum	85-86	Lythrum	89	Sage	88
Clematis	48	-M-		Salix	15-28-43
Cornus	12-33	Mahaleb Cherry Seedlings	11	Sedum	91
Corylus	33	Maple	13-22-23-24	Shrubs	29-47
Cotoneaster	12-33	Mazzard Cherry Seedlings	11	Small Fruits	9-10
Crab, Flowering	16-17-18	Mountain Ash	13-24	Snowball	46
Crataegus	14-27	Mulberries	9-13-47	Snowberry	45
Currants	10	Multiflora Rose	11	Sorbaria	43
Cydonia	34	Myrobolan Plum Seedlings	11	Spirea	44-45-47
-D-		-N-		Stokesia	91
Dahlias	94	Nanking Cherry	6-26-27	Sumac	14-42-43
Deciduous Trees	15-38	Nectarines	9	Sycamore	14-27
Deciduous Tree	12-13-14-15	Ninebark	41	Symphoricarpos	45
Delphinium	86-87	-O-		Syringa (Mock Orange)	39-40-41
Deutzia	34	Oak	13-24	-T-	
Dianthus	87	Osage Orange	14	Tamarix	45
Dicentra	48	-P-		Thorn	14-27
Dogwood	12-33	Pachysandra	89	Tritoma	91
-E-		Peach	8	Tuberose	93-94
Elaeagnus	14-47	Pear	6-7	-V-	
Elder	34	Pear Dwarf	7	Veronica	91
Elm Seedlings	12	Pear Seedlings	11	Viburnum	14-45-46
Elm Trees	19-20	Pecan	14-25	Vinca	91
Euonymus	34-35-48-49	Pentstemon	89	Vines	48-49
Evergreens	50-55	Peonies	78-79-80	-W-	
-F-		Perennials	82-81	Walnut Carpathian	27
Ferns	88	Philadelphus	39-40-41	Weigela	46-47
Flowering Cherry	16	Phlox	89-90	White Fringe	33
" Crab	16-17-18	Physocarpus	41	Willow	15-28-43
" Peach	26	Pine	55	Wisteria	49
" Plum	27	Platycodon	91	Witchhazel	36
Forsythia	35-36	Plum	7-8		
Fruit Tree Stocks	11	Plumbago	91		
-G-		Plum Seedlings	11		
Gaillardia	88	Polygonum	49		
Gladiolas	94	Poplar	25		
Gooseberries	10	Privet	41-42		
Grape Vines	9	Prunus	6-14-25-26-27		
Gypsophila	88	Pyrethrum	91		
-H-		-Q-			
Hackberry	13-20	Quince Flowering	34		
Hamamelis	36	-R-			
Hazelnut	33	Raspberries	10		
Hedera Helix	49	Red Bud	14-27		
Hedging	47	Rhodotypos	42		
Highbush Cranberry	46	Rhubarb	10		
Honeylocust	13-20-21	Rhus	14-42-43		
Honeysuckle	36-37	Ribes	43		
Honeysuckle Vines	49	Rose	43		
Horseradish	10-88	" Acacia	43		
Hydrangea	37	" Climbing	60-61		
Hypericum	38	" H. P.	57		
-I-		" H. T.	56-57		
Ilex	38	" Misc.	58-59		
Iris	88	" Polyantha	58		
-J-		" Patented	62-75		
Juniper	50-55	" Rugosa	58-59		
-K-		Russian Olive	14-47		
Kerria	38	-S-			
-L-		Sage	88		
Lathyrus	88	Salix	15-28-43		
Lilacs	38-39	Sedum	91		
Lilies	93-94	Shrubs	29-47		
Linden	21-22	Small Fruits	9-10		
Linum	89	Snowball	46		
Locust Black	13	Snowberry	45		
Locust Flowering	43	Sorbaria	43		
Lychnis	89	Spirea	44-45-47		
Lythrum	89	Stokesia	91		
-M-		Sumac	14-42-43		
Mahaleb Cherry Seedlings	11	Sycamore	14-27		
Maple	13-22-23-24	Symphoricarpos	45		
Mazzard Cherry Seedlings	11	Syringa (Mock Orange)	39-40-41		
Mountain Ash	13-24	-T-			
Mulberries	9-13-47	Tamarix	45		
Multiflora Rose	11	Thorn	14-27		
Myrobolan Plum Seedlings	11	Tritoma	91		
-N-		Tuberose	93-94		
Nanking Cherry	6-26-27	-V-			
Nectarines	9	Veronica	91		
Ninebark	41	Viburnum	14-45-46		
-O-		Vinca	91		
Oak	13-24	Vines	48-49		
Osage Orange	14	-W-			
-P-		Walnut Carpathian	27		
Pachysandra	89	Weigela	46-47		
Peach	8	White Fringe	33		
Pear	6-7	Willow	15-28-43		
Pear Dwarf	7	Wisteria	49		
Pear Seedlings	11	Witchhazel	36		
Pecan	14-25				
Pentstemon	89				
Peonies	78-79-80				
Perennials	82-81				
Philadelphus	39-40-41				
Phlox	89-90				
Physocarpus	41				
Pine	55				
Platycodon	91				
Plum	7-8				
Plumbago	91				
Plum Seedlings	11				
Polygonum	49				
Poplar	25				
Privet	41-42				
Prunus	6-14-25-26-27				
Pyrethrum	91				